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2016

149. Design of new block-copolymer systems to achieve thick-films with defect-free structures for applications of DSA into lithographic large nodes, X. Chevalier, P. Coupillaud, G. Lombard, C. Nicolet, J. Beausoleil, G. Fleury, M. Zelsmann, P. Bezard, G. Cunge, J. Berron, K. Sakavuyi, A. Gharbi, R. Tiron, G. Hadziioannou, C. Navarro, I. Cayrefourcq, Proc. SPIE 9779, Advances in Patterning Materials and Processes XXXIII, **2016**

150. Synthesis of photo-active inks : towards eco-friendly fully printed organic solar cell, L. Parrenin, C. Brochon, G. Hadziioannou, E. Pavlopoulou, E. Cloutet, MRS Spring Meeting & Exhibit, Phoenix, Arizona, United States of America, March 28 – April 1, **2016**

151. Synthesis of Squaraine Based π-Conjugated Polymers via Metal-Free Polymerization: Versatile Materials for White and Red/Near Infra-Red OLEDs, G. Garbay, E. Pavlopoulou, G. Hadziioannou, E. Cloutet, C. Brochon, MRS Spring Meeting & Exhibit, Phoenix, Arizona, United States of America, March 28 – April 1, **2016**

152. An Alternative Anionic Polyelectrolyte for Aqueous PEDOT Dispersions, A. I. Hofmann, D. Katsigiannopoulos, E. Cloutet, C. Brochon, W. Smaal, M. Mumtaz, G. Hadziioannou, MRS Spring Meeting & Exposition, Phoenix, AZ, United States, April 28-Mai 1, **2016**

153. Synthesis of photo-active inks : towards more eco-friendly organic solar cells L. Parrenin, C. Brochon, G. Hadziioannou, E. Pavlopoulou, E. Cloutet, 9th International Symposium on Flexible Organic Electronics, Thessaloniki, Greece, July 4-7, **2016**

154. An Alternative Anionic Polyelectrolyte for Aqueous PEDOT Dispersions, A. I. Hofmann, D. Katsigiannopoulos, E. Cloutet, C. Brochon, W. Smaal, M. Mumtaz, G. Hadziioannou, 9th International Symposium on Flexible Organic Electronics, Thessaloniki, Greece, July 4-7, **2016**

155. Structure-Function Relationships in Ferroelectric Polymers N. Spampinato, J. Maiz, M. Maglione, G. Hadziioannou, E. Pavlopoulou 11th Hellenic Polymer Society International Conference, Heraklion Crete, November 3-5, **2016**

(Chapters) Books

1. G. Hadziioannou, “Contribution à l'étude des copolymères séquencés orientés”. Obtention de monodomaines de copolymères triséquencés styrène/isoprène/styrène; Caractérisation de leur orientation; Déformation de leur structure sous contrainte mécanique. Thèse de 3e cycle, Strasbourg, 15 décembre 1977. Examination committee: H. Benoit, Chairperson of Committee, Professor at University Louis-Pasteur, Strasbourg. Members: C. Wippler, Professor at University Louis-Pasteur, Strasbourg, A. Skoulios, Directeur de Recherches, A. Mathis, Research Associate at C.N.R.S., Strasbourg.

2. G. Hadziioannou, “Monodomaines de copolymères séquencés styrène/isoprène”. Fabrication et caractérisation des échantillons orientés; Analyse de la conformation des chaines à l'état solide; Etude de la déformation macroscopique et structurale sous contrainte mécanique. Thèse de Doctorat d'Etat. Université Louis-Pasteur, Strasbourg, 20 sept. 1980, Examination Committee: H. Benoit, Chairperson of Committee, Professor at University Louis-Pasteur Strasbourg, C. Wippler, A. Skoulios, and C. Picot, Members, Professors at University Louis-Pasteur, Strasbourg, P.G. de Gennes, Member, Professor at College de France, Paris, R.S. Stein, Invited Member, Professor at University of Massachusetts, Amherst.

3. R.S. Stein, G. Hadziioannou, “Recent advances in the use of scattering for the study of solid polymers”, (Review article) Advances in Chemistry Series - ACS Symposium Series **1983**, *203*, 721–755.

4. T.P. Russell, G. Hadziioannou, W. Warburton, “Phase separation in low molecular weight polymer mixtures”, in Polym. Res. Synchrotron Radiat. Sources, Brookhaven Natl. Lab. BNL-51847, ISSN 0197-8659, **1985**, pp 133–.

5. S. Patel, G. Hadziioannou, M. Tirrell, Polymer interactions with surfaces measured directly, "Composite Interfaces", H. Ishida and J.L. Koenig, Ed., Elsevier Science Publishing Co., Inc., **1986**, pp 65–70.

6. P.C.M. Grim, G. Hadziioannou, “Imaging and characterization of materials by the new Scanning Probe Techniques (STM/AFM)”. A review article, Characterization of composite materials, pp 129–146, Ed. H. Ishida, L.E. Fitzpatrick. Butterworth-Heinemann, **1994**, ISBN 0-7506-9386-x.

7. R.E. Gill, J. Herrema, P.F. van Hutten, J. Wildeman, G.G. Malliaras, G. Hadziioannou, “Chemical tuning of photoluminescence and electroluminescence in block copolymers and regiospecific polymers”, in Organic Electroluminescence, eds. D.D.C. Bradley, J. Tsutsui, Cambridge University Press, **1995**.

8. P.F. van Hutten, G. Hadziioannou, “Crystallography of Conductive Polymers”, in Handbook of Organic Conductive Molecules and Polymers, Vol. 3, pp 1–85, Ed. H.S.Nalwa, John Wiley & Sons, Chichester, **1997**.

9. P.F. van Hutten, G. Hadziioannou, “A model oligomer approach to semiconducting polymers”, in Semiconducting Polymers: Chemistry, Physics and Engineering, Eds. G. Hadziioannou and P.F. van Hutten, Wiley-VCH, Weinheim, Germany, **2000**, ISBN 3-527-29507-0, pp 561–613.

10. P.F. van Hutten, V.V. Krasnikov, G. Hadziioannou, "Role of Interfaces in Semiconducting Polymer Opto-electronic Devices", in Conjugated Polymer and Molecular Interfaces: Science and Technology for Photonic and Optoelectronic Applications, eds. W.R. Salaneck, K. Seki, A. Kahn, J.-J. Pireaux, **2001**

11. G. Hadziioannou “Semiconducting block copolymers for self-assembled photovoltaic devices” MRS BULLETIN 27 (6) 456-460 **2002**

12. R. A. Segalman, C. Brochon, G. Hadziioannou "Solar cells based on diblock copolymers: A PPV donor block and a fullerene derivatized acceptor block" to appear in "Organic Photovoltaics" Eds Sam Sun, Marcel Dekker **2004**

13. N. Leclerc, T. Heiser, C. Brochon, G. Hadziioannou, "Semiconducting Polymers and their Optoelectronic Applications" in Macromolecular Engineering Vol. IV p. 2369-2408 Eds K. Matyjaszewski, Y.Gnanou, L. Leibler Wiley-VCH, Weinheim, Germany, **2007**, ISBN 978-3-527-31446-1

14. G. Hadziioannou and G. Malliaras, "Semiconducting Polymers: Chemistry, Physics and Engineering", Eds., Wiley-VCH, Weinheim, Germany, Second Edition **2007**, ISBN 978-3-527-31271-9

15. H. Cramail, G. Hadziioannou, L. Hirsch, D. Lincot, "Photovoltaic energy: bolts and perspective", Actual. Chimique 338-339, 74-80, **2010**

16. Brochon C, Hadziioannou G, "Controlled radical polymerizations as versatile synthetic routes for conjugated rod-coil block copolymers and their use as active polymer semiconducting materials in flexible organic electronic devices and systems", American Chemical Society Symposium on Controlled/Living Radical Polymerization, *ACS Symposium Series*, **2009**, *1023*, 243-256

17. Geoghegan M, Hadziioannou G, *"Polymer Electronics"*, *Oxford University Press*, ISBN 978-0-19-953383-1, **2013**

18. Brochon C., Hadziioannou G., Cloutet E., Fleury G., *L'énergie à découvert (Photovoltaïque: la filière organique), sous la direction de Rémy Mosseri et Catherine Jeandel*,CNRS Editions, Collection A découvert, ISBN : 978-2-271-07678-6, 170-172 (2013)

19. Fabiano S., Petsagkourakis I, Fleury G., Hadziioannou G., Thermoelectric Energy Conversion: Basic Concepts and Device Applications, Chapter 3: Organic Thermoelectric Materials, Wiley, October **2017**, ISBN: 978-3-527-34071-2

Patents

1. **Multi-block copolymer based tunable light emitting diode, polymers suitable therefore and oligomers**
   Inventor : Herrema J. (NL) ; Gill R. (NL) ; Hadziioannou G. (+3)
   Applicant : Herrema J. (NL) ; Gill R. (NL) ; (+5)
   EC : C08G77/60 ; C09K11/06 ; (+3)
   IPC : H01L33/00 ; H05B33/14 ; (+2)
   Publication info : **WO9415368** – 1994-07-07

2. **Polymer based tunable light emitting diode**
   Inventor : Gill R. (NL) ; Wildemen J. (NL) ; Hadziioannou G. (+1))
   Applicant : Univ. Groningen (NL)
   EC : H01L51/503
   IPC : H01L33/00
   Publication info : **EP0633614** – 1995-01-11

3. **Multi-block copolymer based tunable light emitting diode, polymers suitable therefore and oligomers**
   Inventor : Hadziioannou G. (NL) ; Herrema J. (NL) ; (+4)
   Applicant : Univ. Groningen (NL)
   IPC : H01L33/00 ; H05B33/14 ; (+2)
   Publication info : **EP0677208**– 1995-10-18

4. **Light-emitting copolymers**
   Inventor : Brouwer H.J. (NL) ; Krasnikov V.V. (NL) ; Hadziioannou G. (+2)
   Applicant : Univ. Groningen (NL) ; Stichting Scheikundig Onderzoek (NL) ; (+1)
   EC : C09K11/06 ; C08G61/02 ; (+6)
   IPC : C09K11/06 ; H01S3/213 ; (+2)
   Publication info : **EP0745658** – 1996-12-04

5. **Inrichting voor het meten van een interactiekracht tussen ten opzichte van elkaar beweegbare oppervlakken**
   Inventor : Belder G.F. (NL) ; Hadziioannou G. (NL) ; (+1)
   Applicant : Stichting Tech. Wetenschapp. (NL)
   EC : G01N11/00 ; G01N13/00
   IPC : G01L1/16
   Publication info : **NL1001504C** – 1997-05-02

6. **Substrate having a unidirectional conductivity perpendicular to its surface, devices comprising such a substrate and methods for manufacturing such a substrate**
   Inventor : Brouwer H.J. (NL) ; Hadziioannou G. (NL) ; (+2)
   Applicant : Brouwer H.J. (NL) ; Zetfolie B.V. (NL) ; (+3)
   EC : G02F1/1333 ; H01B1/22 ; (+1)
   IPC : G02F1/136 ; H05K3/40 ; (+1)
   Publication info : **WO9857226** – 1998-12-17

7. **Block copolymers**
   Inventor : ten Brinke G. (NL) ; Kroeze E. (NL) ; Hadziioannou G. (+1)
   Applicant : Univ. Groningen (US)
   EC : C08F293/00
   IPC : C08L53/00
   Publication info : **US6271308** – 2001-08-07

Block copolymer
Inventor : ten Brinke G. (NL) ; Kroeze E. (NL) ; Hadziioannou G.
Applicant : Univ. Groningen (US)
EC : C08F293/00 ; C08L23/06 ; (+5)
IPC : C08L53/02
Publication info : **US6169147** – 2001-01-02

8. **Method for producing a substrate with unidirectional conductivity and display device using such a substrate in an anisotropic contact layer**
Inventor : Brouwer H.J. (NL) ; Hadziioannou G. (NL) ; (+2)
Applicant : Zetfolie B.V. (NL)
IPC : H01L23/532 ; G02F1/1345
Publication info : **EP1138079** – 2001-10-04

9. **Een systeem, inrichting en werkwijze voor het m.b.v. een electrisch en/of magnetisch veld besturen van het visuele uiterlijk van een electroforetisch systeem en voor het gefixeerd houden van het visuele uiterlijk bij afwezigheid van het electrisch en …**
Inventor : Groenewold J. (NL) ; Schroten E. (NL) ; Hadziioannou G. (+1)
Applicant : Zetfolie B.V. (NL)
EC : G02F1/167
IPC : G02F1/167 ; B41M5/28
Publication info : **NL1015840C** – 2002-02-01

10. **Substrat mit gerichteter Leitfähigkeit senkrecht zu seiner Oberfläche, Vorrichtungen mit einem solchen Substrat und Verfahren zur Herstellung eines solchen Substrates**
Inventor : Brouwer H.J. (NL) ; Hadziioannou G. (NL) ; (+2)
Applicant : Papyron B.V. (NL)
IPC : G02F1/136 ; H05K3/40 ; (+1)
Publication info : **AT217424T** – 2002-05-15

11. **Foil layer system for use in a multicolor electrophoretic imaging system**
Inventor : Heier J. (NL) ; Hadziioannou G. (NL) ; (+1)
Applicant : Zetfolie B.V. (NL)
EC : G02F1/167 ; G09F9/37E
IPC : G09F9/37 ; G02F1/167
Publication info : **NL1017467C** – 2002-08-29

12. **Foil layer system for use in multicolor electrophoretic imaging systems**
Inventor : Heier J. (NL) ; Hadziioannou G. (NL) ; (+1)
Applicant : Zetfolie B.V. (NL)
EC : G02F1/167 ; G09F9/37E
IPC : G09F9/37 ; G02F1/167
Publication info : **NL1017468C** – 2002-08-29

13. **Method for providing a recess pattern in a foil**
Inventor : Heier J. (NL) ; Hadziioannou G. (NL)
Applicant : Zetfolie B.V. (NL)
IPC : B41M3/00
Publication info : **EP1305168** – 2003-05-02

14. **Substrate having a unidirectional conductivity perpendicular to its surface, devices comprising such a substrate and methods for manufacturing such a substrate**
Inventor : Brouwer H.J., Ruiter J.C. ; Hadziioannou G. (+2)
Applicant : Papyron B.V. (NL)
IPC : G02F ; H05K ; (+1)

Publication info : **HK1027169** – 2003-01-17

15. **Dielektrische dispersies omvattende twee typen gekleurde deeltjes, werkwijze voor de bereiding daarvan, pixels die een dergelijke dispersie omvatten, alsmede elektroforetische beeldschermen**
    Inventor: Hadziioannou G. (FR), Dam M.A. (NL) (+1)
    Applicant: Papyron B.V. (NL)
    EC: G02F1/167 ; G03G17/04
    IPC: G03G17/04; G02F1/167
    Publication info: **NL1020045C** – 2003-08-25

16. **Dielektrische dispersies omvattende twee typen gekleurde deeltjes, werkwijze voor de bereiding daarvan, pixels die een dergelijke dispersie omvatten, alsmede elektroforetische beeldschermen**
    Inventor: Hadziioannou G. (FR), Dam M.A. (NL) (+1)
    Applicant: Papyron B.V. (NL)
    IPC: C09D5/44 ; G03G17/04; (+1)
    Publication info: **NL1020436C** – 2003-08-27

17. **Method for providing recess pattern in foil**
    Inventor: Heier J. (NL), Hadziioannou G. (NL)
    Applicant: Zetfolie B.V. (NL)
    IPC: B41M3/00
    Publication info: **CN1455738T –** 2003 – 11 – 12

18. **Films ou revêtements transparents conducteurs**
    Sonntag P. (FR), Berson S. (FR), Dieudonne M. (FR), Brochon C. (FR), Hadziioannou G. (FR), Heiser T. (FR),
    Applicants: Hutchinson, Centre National De La Recherche Scientifique FR), Université Louis Pasteur (FR), Sonntag P. (FR), Berson S. (FR), Brochon C. (FR), Dieudonne M. (FR), Hadziioannou G. (FR), Heiser T. (FR)
    IPC: C08J 5/00 (2006.01), C08L 65/00 (2006.01), C08J 3/215 (2006.01), C08J 5/18 (2006.01), C08J 7/04 (2006.01), C09D 165/00 (2006.01), H01L 51/44 (2006.01)
    Publication info: **WO/2010/112680, PCT/FR2009/000373 – 2010-10-07**

19. **Composition photovoltaïque induite par effet ferroélectrique (piezoélectrique)**
    Inventor: Hadziioannou G. (FR), Lacroix C. (FR), Pavlopoulou E. (GR), Fleury G. (FR), Domingues Dos Santos F. (FR)
    Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
    IPC:
    Publication info: **N° de dépôt 13.56832**

20. **Composition d'une cellule photovoltaïque organique, d'un module photovoltaïque**
    Inventor: Nicolet C. (FR), Mougnier S.J. (FR), Deribew D. H. (FR), Renaud C; (FR), Fleury G. (FR), Brochon C. (FR), Vignau L. (FR), Cloutet E. (FR), Hadziioannou G. (FR)
    Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
    IPC: H01L 51/42, H01L 51/00
    Publication info: **WO2012164194 A1**

21. **Nouveaux copolymeres greffés (PVA-G-P3HT, PBA-G-P3HT ET PI-G-P3HT) à base de polymeres semi conducteurs pour application comme additif et/ou tensio-actifs**
    Inventor: Mougnier S.J. (FR), Brochon C. (FR), Cloutet E. (FR), Navarro C. (FR), Cramail H. (FR), Fleury G. (FR), Hadziioannou G. (FR)

Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 11.53720**

22. **Encapsulation "one pot" de pigment en dispersion organique par des polymères chargeables positivement ou negativement**
Inventor: Charbonnier A. (FR), Brochon C. (FR), Hadziioannou G. (FR)
Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 11 59108**

23. **Encre électrophorétique polychrome, dispositif d'affichage associé et procédé de fabrication**
Inventor: Charbonnier A. (FR), Brochon C. (FR), Hadziioannou G. (FR)
Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
IPC: B41J3/407; C09D11/00; C09D11/02; G02F1/167; G09F9/37; G09G3/34
Publication info: **WO2012FR52284 20121009**

24. **Dispersion orga de PEDOT, procédé de synthèse de poly(3,4-éthylènedioxythiophène) en milieu organique ainsi que l'utilisation du produit issu de ce procédé comme encre électronique**
Inventor: Brochon C. (FR), Charba A. (FR), Cloutet E. (FR), Cramail H. (FR), Hadziioannou G. (FR), Navarro C. (FR)
Applicant: ARKEMA France, Institut polytechnique de bordeaux, universite de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 12.53182**

25. **Copolymères à bloc dispersants de nanocharges dans l'eau**
Inventor: A. Bethani, Brochon C. (FR), Cloutet E. (FR), Cramail H. (FR), Fleury G. (FR), Hadziioannou G. (FR), Navarro C. (FR)
Applicant: : ARKEMA France, universite de bordeaux 1, Centre national de la recherche scientifique
IPC: C08L 65/00, C08K 3/04, C08K 7/06, C08K 7/24
Publication info: **WO/2013/150242**

26. **Procédé de préparation de surfaces par distribution spatiale d'intensite lumineuse de surface en relief promotrice d'ordre et de cohérence spatiale, servant de guide pour l'organisation aux échelles nano- et micrométrique de surcouche sur la surface, en particulier de copolymères à blocs**
Inventors: Aissou K (FR), Fleury G (FR), Pecastaings G (FR), Brochon C (FR), Hadziioannou G (FR), Navarro C (FR), Shaver J (US), Rampnoux J-M (FR), Grauby S (FR), Dilhaire S (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 12.54685**

27. **Procédé d'orientation perpendiculaire de nanodomaines de copolymères à blocs par l'utilisation de copolymères statistiques ou à gradient dont les monomères sont au moins en partie différents de ceux présents respectivement dans chacun des blocs du copolymère à blocs**
Inventors: Reboul C (FR), Fleury G (FR), Pecastaings G (FR), Navarro C (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1,

Centre national de la recherche scientifique
IPC:
Publication info: en attente référencement

28. **Procédé de contrôle de la période d'un assemblage nanostructuré comprenant un mélange de copolymères à blocs**
Inventors: Chevalier X (FR), Nicolet C (FR), Fleury G (FR), Hadziioannou G (FR), Navarro C (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 13.58625**
29. **Procédé d'obtention de films épais nano-structurés obtenus à partir de copolymères à blocs**
Inventors: Chevalier X (FR), Nicolet C (FR), Fleury G (FR), Hadziioannou G (FR), Navarro C (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: : **N° de dépôt 13.58628**
30. **Procédé de Synthèse de PEDOT-co-polymère électrolyte**
Inventors: Navarro C (FR), Ismailov U (OUZ), Mumtaz M (PAK), Cloutet E (FR), Brochon C (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 13.60681**
31. **Compositions stables de poly (3,4-ethylenedioxythiophene) et de stabilisants anioniques à acidité limitée**
Inventors: Navarro C (FR), Smaal W (NL), Mumtaz M (PAK), Cloutet E (FR), Brochon C (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 13.60684**
32. **Compositions stables de nanotubes de carbone - polymères electrolytes**
Inventors: Navarro C (FR), Smaal W (NL), Mumtaz M (PAK), Cloutet E (FR), Brochon C (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de dépôt 1360685**
33. **Procédé permettant la création de structures nanométriques par l'auto-assemblage de copolymères à blocs**
Inventors: Navarro C (FR), Mumtaz M (PAK), Cloutet E (FR), Brochon C (FR), Fleury G (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de demande AM 3223_ PRO1131**
34. **Procédé permettant la création de structures nanométriques par l'auto-assemblage de copolymères à blocs**
Inventors: Navarro C (FR), Mumtaz M (PAK), Cloutet E (FR), Brochon C (FR), Fleury G (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique

IPC:
Publication info: **N° de demande AM 3222_ PRO1122**

35. **Procédé de réalisation d'un film de copolymère à blocs sur un substrat**
Inventors: Reboul C (FR), Navarro C (FR), Castillo V (VNZ), Fleury G (FR), Hadziioannou G (FR)
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de demande AM 3221_ PRO1123**

36. **Procédé de nanostructuration d'un film de copolymère à blocs a partir d'un copolymère à blocs non structuré à base de styrène et de méthacrylate de méthyle, et film de copolymère à blocs nanostructuré**
Inventors: Navarro C (FR), Fleury G (FR), Hadziioannou G (FR), *et al*
Applicants: ARKEMA France, Institut polytechnique de bordeaux, Université de bordeaux 1, Centre national de la recherche scientifique
IPC:
Publication info: **N° de demande M 3224_ PRO1117**

37. **Procédé de réalisation d'un film de copolymères à blocs sur un substrat**
Inventors: Reboul C, Castillo V, Fleury G, Pecastaings G, Navarro C, Hadziioannou G, Nicolet C, Chevalier X
Publication info: 20130062585 (FR), Date de dépôt : 13/12/2013

38. **Procédé permettant la création de structures nanométriques par auto-assemblage de copolymères à blocs**
Inventors: Mumtaz M. Aissou K, Brochon C, Cloutet E, Fleury G, Navarro C, Hadziioannou G, Nicolet C, Chevalier X
Publication info: 20130062594 (FR), Date de dépôt : 13/12/2013

39. **Procédé permettant la création de structures nanométriques par auto-assemblage de copolymères à blocs**
Inventors: Mumtaz M. Aissou K, Brochon C, Cloutet E, Fleury G, Navarro C, Hadziioannou G, Nicolet C, Chevalier X
Publication info:20130062597 (FR), Date de dépôt : 13/12/2013

40. **Procédé de contrôle de la période d'un assemblage nanostructuré comprenant un mélange de copolymères à blocs**
Inventors: Chevalier X, Nicolet C, Fleury G, Hadziioannou G, Navarro C
Publication info: 20130058625 (FR)

41. **Procédé d'obtention de films épais nano-structurés obtenus à partir de copolymères à blocs**
Inventors: Chevalier X, Nicolet C, Fleury G, Hadziioannou G, Navarro C
Publication info: 20130058628 (FR)

42. **Procédé de synthèse de PEDOT-(CO) – polymère électrolyte**
Inventors: Navarro C, Ismailov U, Mumtaz M, Cloutet, E, Brochon C, Hadziioannou G
IPC : 20130060681 (FR)
Publication info: 1000213687 (31 octobre 2013)

43. **Compositions stables de poly(3,4-ethylènedioxythiophène) et de stabilisants anioniques à acidité limitée**
Inventors: Navarro C, Smaal W, Mumtaz M, Cloutet E, Brochon C, Hadziioannou G
IPC: 20130060684 (FR)
Publication info: 1000213690 (31 octobre 2013)

44. **Compositions stables de nanotubes de carbone – polymères électrolytes**
Inventors: Navarro C, Smaal W, Mumtaz M, Cloutet E, Brochon C, Hadziioannou G
IPC: 20130060685 (FR)
Publication info: 1000213691 (31 octobre 2013)

45. **Procédé de contrôle de l'énergie de surface à l'interface entre un copolymère à blocs et un autre composé**
    Inventors: Navarro C, Chevalier X, Nicolet C, Hadziioannou G
    Publication info: 0456-ARK62/ PRO1332

46. **Procédé de réduction de la défectivité d'un film de copolymère à blocs**
    Inventors: Navarro C, Chevalier X, Nicolet C, Hadziioannou G
    Publication info: 15 54983

47. **Process for producing a block copolymer film on a substrate**
    Inventors: Fleury G, Navarro C, Hadziioannou G, Nicolet C, Chevalier X, Reboul C, Castillo V, Pecastaings G
    US Patent Application 20160319158, Application Number 15/103748, Kind Code A1

48. **Composition polymère électriquement conductrice et transparente à base de poly(3,4-ethylenedioxythiophene) et de polyelectrolyte**
    Inventors: Navarro C, Hofmann A, Cloutet E, Hadziioannou G
    Publication info : N° FR 16.6177

49. **Process that enables the creation of nanometric structures by self-assemby of diblock copolymers**
    Inventors: C. Navarro, C. Nicolet, K. Aissou, M. Mumtaz, E. Cloutet, C. Brochon, G. Fleury, G. Hadziioannou
    Publication info: WO2017/068259 A1

50. **Formulation d'une encre électroactive pour l'impression à jet d'encre**
    Inventors: D. Thuau, G. Hadziioannou, K. Kallitsis, F. Domingues Dos Santos, N. Chaban
    Publication info: WO2018/215341 A1

51. **Fabrication de films par réticulation de polymères fluorés électroactifs**
    Inventors: D. Thuau, G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos
    Publication info:WO2019/016453 A1

52. **Polymères fluorés électroactifs réticulables**
    Inventors: D. Thuau, G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos, T. Soulestin
    Publication info: WO2019/016454 A1

53. **Composition de polymères fluorés électroactifs, formulation, film, dispositif électronique et transistor organique à effet de champ**
    Inventors: D. Thuau, G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos, T. Soulestin
    Publication info: WO2019/030453A1

54. **Process for reducing the defectivity of a block copolymer film**
    Inventors: X. Chevalier, C. Nicolet, C. Navarro, G. Hadziioannou
    Publication info: US2018/0171134, PCT N°PCT/FR2016/05151 (2018)

55. **Process for controlling the surface energy at the interface between a block copolymer and another compound**
    Inventors: X. Chevalier, C. Nicolet, C. Navarro, G. Hadziioannou
    Publication info: US2018/0173094, PCT N° PCT/FR2016/051252 (2018)

56. **Copolymères P(VDF-TrFE) modifies avec des photo-amorceurs**
    Inventors: G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos, T. Soulestin
    Publication info: AM 4120-FR-NP

57. **Terpolymères P(VDF-TrFE-CTFE) modifiés par réaction de Williamson**
    Inventors: G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos, T. Soulestin
    Publication info: AM 4121-FR-NP

58. **Terpolymères P(VDF-TrFE-CTFE) modifies avec des molécules polarisables avec permittivité diélectrique améliorée**
    Inventors: G. Hadziioannou, E. Cloutet, C. Brochon, K. Kallitsis, F. Domingues Dos Santos, T. Soulestin
    Publication info: AM 4219-FR-NP

Invited Seminars (from 1994 on**)**

1. "Generation of Light from Semiconducting Polymeric Materials", Polymer Gordon Conference, New Hampshire, USA, July **1994**.

2. "Shear enhanced desorption in nanoscopically confined oligomer films", ACS, Anaheim, CA, USA, April **1995**.

3. "Photonic Polymer Materials", G. Hadziioannou, proceedings of the 3rd Panhellenic Conference on Polymers, Thessaloniki, Greece, December **1994**.

4. "Nanorheology of a block copolymer brush", ACS, Anaheim, CA, USA, April **1995**.

5. "Nanorheology of a block copolymer brush", University of Massachusetts, Polymer Research Institute, USA, July **1995**.

6. "Computational Devices from Soft Materials, is that possible?", TU Delft, March **1995**.

7. "Engineering of Photorefractive Polymers", Polaroid, Cambridge, MA, USA, August **1995**.

8. "Generation of Light from Semiconducting Polymers", Connecticut University, Chemistry Department, USA, July **1995**.

9. "Generation of Light from Semiconducting Polymers", University of Massachusetts, Polym. Sci. and Eng. Dept., USA, July **1995**.

10. "Towards a Chemical Force Microscope and a Molecular Tensile tester", Shell conference on Scanning Probe Microscopies, Heemskerk, May **1995**.

11. "Towards a Chemical Force Microscope and a Molecular Tensile tester", Univ. of Mass., Polymer Res. Inst., USA, July **1995**.

12. "Towards a Chemical Force Microscope and a Molecular Tensile tester", MIT Materials Science Department, USA, August **1995**.

13. "Towards a Chemical Force Microscope and a Molecular Tensile tester", Harvard Chemistry Department, USA, August **1995**.

14. "Light Emission in reverse bias operation from poly (3-octylthiophene)-based light emitting diodes", SPIE Conference, San Diego, CA, USA, July **1995**.

15. **"**Photonic Properties of Semiconducting Block Copolymers" Deutsche Physikalische Gesellschaft (DPG), Marburg, Germany, March **1996**.

16. "Polymer Photonic Materials: Physical and Chemical aspects" European Physical Society, 15th General Conference of the Condensed Matter Division, Baveno-Stresa, Italy, April **1996**.

17. "Photonic Polymers" Greek–French Polymer Workshop, Crete, Greece, May **1996**.

18. "Photorefractive Polymer Materials", International Symposium on Holographic Memories 1996, Athens, Greece, May **1996**.

19. "Scanning Chemical Force Microscopy", Institut Charles Sadron, Strasbourg, France, July 11, **1996**.

20. “Scanning Chemical Force Microscopy”, International Conference on Polymer–Solid Interfaces II: from model to real systems, Namur, Belgium, August **1996**.

21. “Light-Emitting Diodes from Block Copolymers and their Oligomers: A study on Structure–Optical Properties Relationships”, International Topical Conference on Organic Electroluminescent Materials, University of Rochester, NY, USA, September **1996**.

22. “Light-Emitting Diodes from Block Copolymers and their Oligomers: A study on Structure–Optical Properties Relationships”, Institut Charles Sadron, Strasbourg, France, October 1, **1996.**

23. “Photonic Polymer Materials”, 6th European Polymer Federation Symposium on Polymer Materials, Aghia Pelagia, Crete, Greece, October **1996**.

24. “The role of Interfaces on Polymer Photonic Devices”, ACS Surfaces and Interfaces, International workshop, Orlando, FL, USA, October **1996**.

25. “Polymer Physics and Chemistry in the Service of Advanced Materials”, Jubileum Symposium of Polymer Technology Netherlands, Ede, November **1996**.

26. “Polymer and Organic Electronic and Photonic Materials: Past and Future”, A plenary lecture at the Annual Meeting of the Greek Chemical Society, December **1996**.

27. “Photonic Properties and Devices of Semiconducting Polymers and Oligomers”, Ludwig-Maximilians-Universität München, Germany, February **1997**.

28. “Towards a Force Microscopy with Chemical Sensitivity and a Molecular Tensile Tester”, Birmingham, March **1997**.

29. “Photonic Polymers for the Devices of the 21st Century”, ACS meeting of the Division of Polymer Chemistry, San Francisco, CA, USA, April **1997**.

30. “Photonic Polymers for the Devices of the 21st Century”, Antec, Society of Plastics Engineers, Toronto, Canada, April **1997**.

31. “Semiconducting Polymers and Oligomers for LED and Laser Devices, Polymers for Advanced Technologies”, Bayer, May **1997**.

32. “Photonic Properties and Devices of Semiconducting Polymers and Oligomers”, The 8th International Conference on Unconventional Photoactive Systems (UPS-8), Nara, Japan, August **1997**.

33. “Semiconducting Polymers and Oligomers for LED and Laser Devices, Polymers for Advanced Technologies”, Leipzig, Germany, September **1997**.

34. “Semiconducting Polymers and Oligomers for LED and Laser Devices, Polymers for Advanced Technologies”, Northern Italian Chemical Society, Milano, Italy, October **1997**.

35. “Semiconducting Polymers and Oligomers for LED and Laser Devices, Polymers for Advanced Technologies”, AGFA, Antwerp, Belgium, November **1997**.

36. “Molecular Tensile Testing of Materials and Chemical Force Microscopy”, Universiteit van Amsterdam, February **1998**.

37. “Photonic Properties and Devices of Semiconducting Polymers and Oligomers”, Max-Planck-Institut, Mainz, February **1998**.

38. “Molecular Tensile Testing of Materials and Chemical Force Microscopy”, Symposium, München, March **1998**.

39. “Molecular Tensile Testing of Materials and Chemical Force Microscopy”, Debye Winterschool, Papendal, March **1998**.

40. “Photonic Nanostructured Polymers: Control of the Morphology and its Role to Photonic Properties”, APS, Los Angeles, CA, USA, March **1998**.

41. “Photonic Nanostructured Polymers: Control of the Morphology and its Role to Photonic Properties”, 3rd International Forum on Hyper-Structured Molecules for Organic Quantum Device Applications, RIKKEN, CREST, JSP, Otsu, Japan, June **1998**.

42. “A model oligomer approach for semiconductor polymer materials”, Konstanz Univ, June **1998**

43. “Semiconducting Polymers for Light-Emission Applications”, Western Swiss Chemical Association, University of Fribourg, Switzerland, June **1998**.

44. “Model Oligomer Approach to Semiconducting Polymer Materials”, E-MRS, Strasbourg, France, June **1998**.

45. “Model Oligomer Approach to Semiconducting Polymer Materials”, Konstanz University, Physics Department Seminar, Germany, June **1998**.

46. “Photonic Nanostructured Polymers: Control of the Morphology and its Role to Optical and Electrical Properties”, SPIE (Organic Light-Emitting Materials and Devices), San Diego, CA, USA, July **1998**.

47. “Organic Electroluminescence”, IEEE/LEOS Summer Topical Meeting on Organic Optics and Optoelectronics, Monterey, CA, USA, July **1998**.

48. “Polymer Optical Amplifiers and Lasers: Structure–Property Relationships”, Polymer Physics Gordon Conference, Newport, RI, USA, August **1998**.

49. “A model oligomer approach for semiconducting polymer materials”, Europhysics Conf. on Macromol. Phys.: Electrooptical properties of polymers and related phenomena, Varenna, Italy, September **1998**.

50. “Photonic nanostructured polymers: The role of morphology and its control”, Photochemistry Association of France, Paris, France, May **1999**.

51. “The role of interfaces and confinement effects in polymer photonic devices”, Gordon Conference, Newport, RI, USA, July **1999**.

52. “New photonic materials and devices from nanostructured semiconducting polymers”, Minisymposium “Frontiers in photophysics and photochemistry”, Leuven, Belgium, September **1999**.

53. “The role of interfaces and confinement effects in polymer photonic devices”, Francqui workshop “The future of plastic electronics and optoelectronics”, Brugge, Belgium, October **1999**.

54. “The role of interfaces and confinement effects in polymer photonic devices”, ACS meeting of the Division of Polymer Chemistry, San Francisco, CA, USA, April **2000**.

55. “Photonic Nanostructured Polymers: Control of the Morphology and its Role to Optical and Electrical Properties”, MRS San Francisco, CA, USA April **2000.**

56. “New photonic materials and devices from nanostructured semiconducting polymers”, E-MRS, Strasbourg, France, June **2000**.

57. “Photonic Devices from Semiconducting Polymers and Block Copolymers: a Structure Property Relationship” ACS Washington DC August **2000.**

58. “Photonic Nanostructured Polymers: Control of the Morphology and its Role to Optical and Electrical Properties”, Bayreuth Polymer Conference Sept. **2000.**

59. “Photonic Devices from Semiconducting Polymers and Block Copolymers: a Structure Property Relationship” AMOLF Amsterdam June **2001.**

60. “Paper Like Electrophoretic Image Display Technology (EPID) Suitable for Mass Production” EPF Conference Eindhoven July **2001.**

61. “Paper Like Electrophoretic Image Display Technology (EPID) Suitable for Mass Production” SID Europe Mainz **2001.**

62. “Paper Like Electrophoretic Image Display Technology (EPID) Suitable for Mass Production” MRS Boston Dec. **2001.**

63. **“**L’Après Gutenberg: Les Encres Electroniques pour Papier Digital” ECPM Janvier **2002**

64. « Autoassemblage de polymères semiconducteurs en vue de leur application pour des cellules photovoltaiques » mai **2002**
65. “Semiconducting Block Copolymers for Self-Assembled Photovoltaic Devices", Bayreuth Polymer Conference Sept. **2002.**

66. “Nanomaterials and Processes for the Electronic Paper” Nanofair Strasbourg Nov. **2002**

67. **“**Semiconducting Block Copolymers for Self-Assembled Photovoltaic Devices" EMRS June **2003**

68. "Electronic Paper and Electronic inks, is there an era after Gutenberg?" Freiburg Univ. June **2003**

69. "Cyclodextrines-containing Supramolecular Structures: from pseudo-polyrotaxanes towards molecular tubes, insulated molecular wires and topological networks” Osaka Univ. July **2003**

70. "Cyclodextrines-containing Supramolecular Structures : from pseudo-polyrotaxanes towards molecular tubes, insulated molecular wires and topological networks” Kyoto Univ. July **2003**

71. “Electronic Paper and Electronic inks, is there an era after Gutenberg?” Asahi Kasai Fuji City July **2003**

72. “Synthesis and self assembly of polymeric nanophotonic objects for photonic devices” Handai Conf. Osaka July **2003**

73. “Nanostructured functional polymer materials with applications to plastic electronics“ Tsukuba Materials Labs July **2003**

74. “Electronic Paper and electronic inks” Sekusui August **2003**

75. “Semiconducting Block Copolymers for Self-Assembled Photovoltaic Devices" Academia Chinica Taiwan September **2003**

76. “Electronic Paper and Electronic inks, is there an era after Gutenberg? “CDCh Mainz February **2004**

77. “Electronic Inks and plastic electronics a challenging coupling” Makromoleculare Kollokium Freiburg (D), February **2004**

78. “Cellules photovoltaïques organiques : relation entre propriétés électroniques et interfaces” Conférence DIELOR, Université de Limoges, September **2004**

79. “Electronic Paper and Electronic inks, is there an era after Gutenberg? “CDCh Krefeld (D) January **2005**

80. “Semiconducting block copolymers and their devices: the relationship between electronic properties, morphology and interfaces” American Physical Society Los Angeles March **2005**

81. "Self assembling properties of block copolymers and their devices: the relationship between electronic properties, morphology and interfaces", Nagoya Univ. April **2005**

82. “From molecules to materials: Synthetic and processing strategies for optimal materials and efficient organic optoelectronic devices” Organic Microelectronic Conference MRS/ACS/ IEEE Newport Rhode Island July **2005**

83. “Self-assembly of semiconducting block copolymers: Towards Plastic and Molecular Electronics” International Symposium on Molecular Nanotechnology Nara Japan Nov. **2005**

84. “From molecules to materials: Synthetic and processing strategies for optimal materials and efficient organic optoelectronic devices. Osaka Univ. Nov. **2005**

85. “Polyrotaxanes Based on Polythiophene and □-Cyclodextrin: towards Single Chain Semiconducting Wires” ACS Pacific Basin Meeting Dec. **2005**

86. “Soluble polyrotaxanes based on conjugated oligomers/polymers and cyclodextrines: Towards single chain semiconducting wires and devices thereof” MRS Spring Meeting San Francisco April **2006**

87. “Electronic inks and Electronic Paper” Textile Conf. Vaalsbroek NL May **2006**

88. "Polyrotaxanes and their Topological Networks: towards Optical and Semiconducting Polymer Materials" Polymer Physics Gordon Conference New London July **2006**

89. “Rod/Coil Semiconducting Diblock Copolymers for Photovoltaic Applications: Design, Synthesis, Morphology and Interfaces” Electronic Processes in Organic Materials Gordon Conference August **2006**

90. " Semiconducting block copolymers and their photovoltaic devices: the relationship between electronic properties, morphology and interfaces" ACS San Francisco Fall Meeting Sept. **2006**

91. " Semiconducting block copolymers and their photovoltaic devices: the relationship between electronic properties, morphology and interfaces" 7th International Symposium on Nanostructured Materials for Energy Conversion Seoul Korea Oct. **2006**

92. “Nanostructuring of Semi-conducting Block Copolymers: Optimized Synthesis and Processing for Efficient Optoelectronic Devices” IUPAC International Symposium on Advanced Polymers

for Emerging Technologies Commemorating the 30th Anniversary of the Polymer Society of Korea Busan Korea Oct **2006**

93. "Electronic Paper and Electronic inks, is there an era after Gutenberg?" BK21 International Symposium on Macromolecular Science, Seoul National Univ. Oct. **2006**

94. "Semiconducting Block Copolymers: Optimized Synthesis and Processing for Efficient Photovoltaic Devices". Greek Polymer Society Ann. Meeting Patras Nov. **2006**

95. "L'Après Gutenberg: Les Encres Electrophorétiques pour Papier Electronique" Dijon Matériaux **2006**

96. "Semi-conducting Block Copolymers and their Applications to Efficient Optoelectronic Devices for Plastic Electronics". Fundamental and Applied Macromolecular Science: Toward Next Generation Materials Strasbourg January **2007**

97. "Semiconducting Block Copolymers: Optimized Synthesis and Processing for Efficient Photovoltaic Devices". ACS Spring Meeting Chicago March **2007**

98. "Polyrotaxanes and their Topological Networks the "Sliding Gels": Relationship between their molecular structure and the viscoelastic as well as the swelling properties". Fribourg Univ. Physics Depart.(CH) May **2007**

99. "Current status and future prospects of Chemical Engineering Education with regards to Industrial applications and Technologies" June **2007** 6ο Panellinio Epistimoniko Synedrio Chimikis Michanikis Athens June Greece

100. "Semiconducting block copolymers and their photovoltaic devices: the relationship between electronic properties, morphology and thin film structure" Hamano-Kobe International Symposium on "Laser and Nano/Bio Sciences" Oct. **2007** Kobe Japan

101. "Versatile synthetic routes for conjugated rod-coil block copolymers and their use in solar cell devices." ACS Fall Meeting Philadelphia August **2008** USA

102. "Versatile synthetic routes for conjugated rod-coil block copolymers and their use in solar cell devices." 1st International Symposium on Flexible Organic Electronics July **2008** Greece

103. "Semiconducting polymers, block copolymers and their blends: from optimized synthesis to thin film processing for efficient polymer electronic devices and systems", Université de Rennes, France, January **2009**

104. Matériaux fonctionnels avancés pour les nouvelles technologies de l'information, de la communication et de l'énergie, Groupe de polymères lyonnais, Lyon, France, June **2009**

105. Plastic Electronics: an emerging science and technology and its impact in every day life, FAME PF7 network, Bordeaux, France, june **2009**

106. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, 2nd International Symposium on Flexible Organic Electronics, Halkidiki, Greece, July **2009**

107. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, First International Meeting on Organic Materials for a Better Future (FUTURMAT1), Ostuni, Italy, September **2009**

108. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, XIX Convegno Italiano di Scienza e Tecnologia delle Macromolecole, AIM, Milano, Italy, September **2009**

109. State of the art of organic photovoltaic materials in France and future perspectives, France-Japan photovoltaic meeting, Japan, November **2009**

110. A new era in Organic Electronics in the Aquitaine Region, Ecole Nationale Supérieure des Mines de Saint-Etienne (EMSE), Gardanne, France, April **2010**

111. A new era in Organic Electronics in the Aquitaine Region, Premières rencontres ChemStart'up, Pau, France, May **2010**

112. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, International Symposium on Functional Pi-Electron Systems FPI-9, Atlanta, United States, May **2010**

113. Les semi-conducteurs organiques et l'énergie solaire, 26èmes journées de l'innovation et de la recherche dans l'enseignement de la chimie, La Grande Motte, France, june **2010**

114. A new era in Organic Electronics in the Aquitaine Region, France, Konarka, Lowell, United States, June **2010**

115. A BottomUp Approach to Nanoscience and Nanotechnology: Micro, NanoStructuring of Functional Polymer Materials Via Manipulation of the SelfOrganization Process of Polymer Blends and Block Copolymers, 3rd International Symposium on Flexible Organic Electronics (IS-FOE10), Halkidiki, Greece, July **2010**

116. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, ACS Fall 2010 National Meeting & Exposition, Boston, United States, August **2010**

117. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, Société Chimique de Suisse, Zurich, Suisse, September **2010**

118. Macromolecular design of semiconductive polymers towards thermodynamically stable organic photovoltaic active materials and devices, 8th Hellenic Polymer Society Symposium, Hersonissos, Greece, October **2010**

119. Une démarche innovante matériau pour l'électronique organique imprimable : la chaire d'excellence ARKEMA/Région Aquitaine en OLAE, Premières Journées du GDR Electronique Organique, Bordeaux, France, November **2010**

120. The flexible organic electronic era in Europe, Plastipolis, Lyon, France, November **2010**

121. The flexible and printable organic electronic era in Aquitaine, France, University of Tokyo, Japan, February **2011**

122. Comment améliorer le rendement des panneaux photovoltaïques ? Quelle place pour les molécules et polymères organiques ?, Les rencontres Usine Nouvelle, Chimie durable : quels développements industriels et innovations technologiques, Paris, France, March **2011**

123. The flexible and printable organic electronic era in Aquitaine, France, 1ères rencontres Electronique Imprimée, Paris, France, April **2011**

124. The flexible and printable organic electronic era in Aquitaine, France, Waterloo Institute for nanotechnology, University of Waterloo, Canada, May **2011**

125. Directed self assembling of block copolymers and their applications to photovoltaic energy, ORION (Ordered inorganic-organic hybrids using ionic liquids for emerging applications) Summer School, Ostuni, Italy, June **2011**

126. Directed self assembling of block copolymers and their applications to photovoltaic energy, ultra high density magnetic storage and maskless nanolithography, Gordon Research Conferences, Supramolecules & Assemblies, Chemistry of, Tuscany, Italy, June **2011**

127. MAGNetIc storage media and lithographic processes based on self assembling properties of block copolymers MAGNIPHICO Project, Darmstadt Technical University, Germany, June **2011**

128. Macromolecular design of semiconductive polymers and devices, 4th International symposium on flexible organic electronics, Thessaloniki, Greece, July **2011**

129. The Alternative Energy Quest and the Place of Nano-structured Polymer Semiconductors in their use for Solar Energy Harvesting, 9th International Conference on nanosciences and nanotechnologies, Thessaloniki, Greece, July **2011**

130. Electrophoretic hybrid particles synthesis by polymerization in organic media: towards electrophoretic display applications, International Symposium on Functional Pi-Electron Systems FPI-10, Beijing, China, October **2011**

131. Les Polymères pour les Applications de Hautes Technologies : Energie et Electronique, Entrée en matière, Journée spéciale chimie, Jardins du Trocadéro, Paris, France, October **2011**

132. Semiconducting block copolymers as nano-structuring agents for high-efficiency and annealing-free bulk hetero-junction organic solar cells, APS March Meeting 2012, Boston, United States, March **2012**

133. Block Copolymers for Enhanced Performance in Bulk Heterojunction Organic Solar Cells: Design, Morphology and Photovoltaic Characteristics, Canada Research Chair in Advanced Polymer Materials, Department of Chemistry, University of Toronto, March **2012**

134. Scientific and Engineering Challenges and Opportunities in Printable and Flexible Organic Electronics, Waterloo Institute for nanotechnology, University of Waterloo, Canada, March **2012**

135. Block Copolymers for Enhanced Performance in Bulk Heterojunction Organic Solar Cells: Design, Morphology and Photovoltaic Characteristics, Mc Master University, Hamilton, Canada, March **2012**

136. Chimie et formulations, 2èmes rencontres électronique imprimée, Paris, France, March **2012**

137. Spin−offs & entrepreneurial activities in the field of Organic Electronics in France, Workshop "Commercializing Organic Electronics in Greece", ROleMak European Project, Thessaloniki, Greece, April **2012**

138. An overview of the challenges in nanosciences, nanotechnologies and flexible electronics in the context of the future and present exchanges between UB1 and WIN, University Bordeaux 1 /

Waterloo Institute for Nanotechnology 2nd Strategic Research Workshop, Bordeaux, France, May **2012**

139. Scientific and Engineering Challenges and Opportunities in Printable and Flexible Organic Electronics, European Polymer Federation 2013, Pisa, Italy, June **2012**

140. Scientific and Engineering Challenges and Opportunities in Printable and Flexible Organic Electronics, 5th International Symposium on flexible organic electronics, Thessaloniki, Greece, July **2012**

141. Block-Copolymers for Optimized Active Layer Morphology in Organic Photovoltaics, ICSM, Atlanta, USA, July **2012**

142. Nanoscale Block Copolymer Ordering Induced by Visible Interferometric Micro-patterning: a Route towards Large Scale Block Copolymer 2D Crystals; Ireland Autumn Workshop for Nanotechnology 2012, INTEL, Dublin, Ireland, October **2012**

143. Self-Annihilation of Defects in Block Copolymers Thin Films induced by Corrugated Substrates, ISMAC Workshop dedicated to Dr Alberto Bolognesi, Milano, Italy, November **2012**

144. Organic Electronics in France: RTD & Entrepreneurial Activities, ROleMak Project, "Reinforce Organic Electronics Research Potential in Kentriki Makedonia, Thessaloniki, Greece, November **2012**

145. Nanoscale Block Copolymer Ordering Induced by Visible Interferometric Micro-patterning: A Route towards Large Scale Block Copolymer 2D Crystals, TRAIN2 International conference on nanoscience and nanotechnology, Barcelona, Spain, November **2012**

146. Block-Copolymers for Optimized Active Layer Morphology in Organic photovoltaics, MRS Fall Meeting, Boston, USA, November **2012**

147. Organic Electronics, CS INSIS CNRS, France, February **2013**

148. The Genesis and Rise of the flexible and printable “Polymer Organic Electronics” Science and Technology: birth of a new industry, European Union, Belgium, April **2013**

149. The Genesis and Rise of the flexible and printable “Polymer Organic Electronics” Science and Technology: birth of a new industry, 7th Solvay-COPE Symposium on Organic Electronics, Bordeaux, France, May **2013**

150. The Genesis and Rise of the flexible and printable “Polymer Organic Electronics” Science and Technology: birth of a new industry, 6th International Symposium on Flexible Organic Electronics, Thessaloniki, Greece, July **2013**

151. "Directed self assembling of block copolymers and their applications to ultra high density magnetic storage and maskless nano lithography", ACS Indianapolis, USA, September **2013**

152. Alternatives to PEDOT:PSS for Conductive inks and Transparent Conductive Films, International Colloquium on Flexible Electronics and Photovoltaics, Thuwal, Saudi Arabia, November **2013**

153. The Genesis and Rise of the flexible and printable “Polymer Organic Electronics” Science and Technology: birth of a new industry, 13th Pacific Polymer Conference, Kaohsiung, Taiwan, November **2013**

154. Directed self assembling of block copolymers and their applications to ultra high density magnetic storage and maskless nano lithography, Scientific symposium in honor of Gerrit Brinke, Groningen, Netherlands, November **2013**

155. The Genesis and Rise of the flexible and printable "Polymer Organic Electronics" Science and Technology: birth of a new industry, LCC, Toulouse, France, January **2014**

156. Alternatives to PEDOT:PSS for Conductive inks and Transparent Conductive Films, Imperial College, London, UK, February **2014**

157. The Genesis and Rise of the flexible and printable "Polymer Organic Electronics" Science and Technology: birth of a new industry, Cambridge Graphene Centre, University of Cambridge, UK, March **2014**

158. The Genesis and Rise of the flexible and printable "Polymer Organic Electronics" Science and Technology: birth of a new industry, Bordeaux-Kyoto Symposium, Université de Bordeaux, France, May **2014**

159. Thermodynamics of Polymer Systems (Polymer Blends and Block Copolymers) and their Applications to traditional Electronics and Organic Electronics, Organic Electronics Summer School 2014, Saint-Etienne, France, June **2014**

160. The emerging technology of Organic Flexible and Printable Electronics, Aristotle University of Thessaloniki, Department of Physics, Thessaloniki, Greece, Nov **2014**

161. The emerging technology of Organic Flexible and Printable Electronics, 10th Hellenic Polymer Society Conference, Patras, Greece, December **2014**

162. The emerging technology of Organic Flexible and Printable Electronics, Workshop 'nanoelectromechanics and beyond', Bordeaux, France, June **2015**

163. Directed Self-Assembly of Block Copolymers for High Resolution Lithographic Applications: from Materials Design to Pattern Transfer, Journal of Polymer Science Award: Symposium in Honor of Rachel Segalman, ACS Fall meeting, Boston, United States, August **2015**

164. Semiconducting Polymers in the Emerging Technology of Organic Electronics, Symposium in honor of Professor Richard Stein, UMass Amherst, United States, August **2015**

165. Directed Self-Assembly of Block Copolymers for High Resolution Lithographic Applications: from Materials Design, Synthesis, Formulation to Pattern Transfer", Kashiwa Campus, University of Tokyo, November **2015**

166. An Alternative Anionic Polyelectrolyte for Aqueous PEDOT Dispersions: Towards Printable Transparent Electrodes, MRS Fall meeting, Boston, United States, November **2015**

167. Few recent anecdotes on block copolymers, Kramer Memorial Symposium, Santa Barbara, United States, January **2016**

168. La plateforme ELORPrintTec : son positionnement académique et industriel au niveau national et international, 6èmes rencontres de l'électronique imprimée, Paris, France, March **2016**

169. Structurally-driven Enhancement of Thermoelectric Properties within Poly(3,4-ethylenedioxythiophene) thin Films, 11th Hellenic Polymer Society International Conference, Heraklion, Greece, November **2016**

170. Polymer-Inorganic Hybrid Thermoelectric Generators with Ultrahigh Room Temperature Power Outputs, MRS Fall meeting, Boston, United States, November **2016**

171. Structure–Property Correlations for Thermoelectric Polymers—Towards Efficient Material Design, MRS Fall meeting, Boston, United States, November **2016**

172. High performance polymer and polymer/inorganic thermoelectric materials, ACS National Meeting, San Francisco, United States, April **2017**

173. High Performance Polymer and Polymer/Inorganic Thermoelectric Materials, 10th International Symposium on Flexible Organic Electronics (ISFOE17), Thessaloniki, Greece, July **2017**

174. Printing technologies for small series production of sensors, Journée capteurs organisée par AFELIM, Paris, march **2018**

175. Structure-Property correlations for thermoelectric polymers: Towards efficient material design, 7th SRPS Conference, Gyeongju, South Korea, 4-7 september **2018**

176. Structure - Property correlations for thermoelectric polymers: Towards efficient material design, 12th Hellenic Polymer Society International Conference, 30th of Sept-3rd of October **2018**

177. High Performance Polymer and Polymer/Inorganic Thermoelectric Materials, INFORM19, Valencia, Spain, March 5-7, **2019**

178. Photolithographic patterning of high-k fluoropolymer dielectrics, ECME 2019, Linköping, Sweden, 27-31 August **2019**

Supervised PhD's under the direction of Prof. G. Hadziioannou

Stanford University:

March 1987 W.T. Tang, "Study of block copolymer micelles in dulite solution by light scattering and fluorescence spectroscopy"; Working at Western Digital Storage Systems - San Jose, CA, USA.

Dec. 1991 S.J. Hirz, "Interaction between surfaces seperated by thin polymer films"; Working at 3M Research, USA.

Groningen University:

15-05-1995 Drs. R. Puyenbroek, "Silicon containing polymers for chemically amplified resist applications"; Working at General Electrics Plastics, now Sabic, Bergen op Zoom, NL.

07-07-1995 Drs. P.C.M. Grim, "Direct view of thin polymer films with Scanning Force Microscopy"; Working at ASML, NL.

17-11-1995 Drs. E. Manias, "Nanorheology of strongly confined molecular fluids"; graduated with the distinction **Cum Laude**; Working at Penn State University, State College, PA, USA.

15-12-1995 Drs. G.F. Belder, "Static and dynamic properties of confined polymer melts"; Working at Philips Eindhoven, NL.

18-12-1995 Drs. G.G. Malliaras, "Poly(*N*-vinylcarbazole)-based photorefractive poly-mers"; Graduated with the distinction **Cum Laude**; Working as Professor at Ecole des Mines de Saint-Etienne (EMSE) – Gardane, France

29-03-1996 Drs. J.K. Herrema, "Tuning of the luminescence in poly[(silanylene)-thiophene]s"; Working at DSM Resins, Zwolle, NL.

28-06-1996 Drs. C.E. Hissink, "Silicon-bridged donor-acceptor compounds: synthesis and nonlinear-optical properties"; Working at Polyganics b.v., Groningen, NL.

20-12-1996 Drs. R.E. Gill, "Design, synthesis and characterization of luminescent organic semiconductors"; Graduated with the distinction **Cum Laude**; Working at European Patent Office, Rijswijk, NL.

24-01-1997 Drs. G. Bosscher, "Novel cyclophosphazene monomers and their polymerization behavior". Private Investor NL

31-01-1997 Drs. E. Kroeze, "Synthesis and applications of novel efficient compatibilizers". Working at EMEA Biomaterials (Purac) at Corbion, NL

23-06-1997 Drs. V. Koutsos, "Physical properties of grafted polymer monolayers studied by scanning force microscopy: morphology, friction, elasticity"; Working as Professor at Edinburgh University, UK.

26-09-1997 Drs. H.J. Bolink, "Photorefractive polymers"; Working at Valencia University as Ass. Professor, Spain.

16-01-1998 Ir. F. Garten, “A comparison of the electrical properties of polymer LEDs based on poly(thiophene)s and PPV-derivatives”; Working at Philips Semiconductors now at Frank Garten BV, Utrecht, NL.

23-01-1998 Drs. E. van der Vegte, “Scanning Force Microscopy with chemical sensitivity: An extensive study of chemically specific tip–surface interactions and the chemical imaging of surface functional groups”; Working at DSM Research, Geleen, NL.

20-02-1998 Drs. F.J. Esselink, “Direct view of block copolymers in solution and neat state”; Working at Unilever Research, Vlaardingen, NL.

06-03-1998 Drs. H.J. Brouwer, “Semiconducting Polymers for Light-Emitting Diodes and Lasers: A structural, photophysical and electrical study of PPV-type alternating copolymers and oligomers”; Working in ANTEC - Leiden, NL.

17-03-2000 Drs. T.A.C. Flipsen, “Design, synthesis and properties of new materials based on densely crosslinked polymers for polymer optical fiber and amplifier applications”; Working at Polymer Service Centre now PolyVation, Groningen, NL.

23-06-2000 Ir. F.M. Huijs, “Transparent conducting polymer thin films”; Working at General Electric Plastics , now Sabic, Bergen op Zoom, NL

03-07-2000 Drs. A. Stamouli, “Adsorbed diblock copolymer layers. Morphology, forces, rheology”; Working at Netherlands Forensic Institute, NL.

24-09-2001 Drs. B. de Boer †, “Design, synthesis, morphology and properties of semiconducting block copolymers for photonic applications”; Was Working at Groningen University as Ass. Professor. Deceded in 01/2009

22-10-2001 Drs. M. Werts, “Mechanically Linked Oligorotaxanes”; Working at Anteryon B.V. in Eindhoven, NL

27-09-2002 S. C. Veenstra, “Electronic Structure of Molecular Systems, From Gas Phase to Thin Films to Devices”, Working at ECN, NL

17-01-2003 M. van den Boogaard, “Cyclodextrin-containing supramolecular structures, from pseudo-polyrotaxanes towards molecular tubes, insulated molecular wires and topological networks”, Working at Philips Drachten, NL

02-07-2004 C. Melzer, “Characterization of Organic Semiconductors and Optoelectronic Elements”; Working at Darmstadt Technical University Germany

23-02-2007 K. van de Wetering, “Donor-Acceptor Block Copolymers: Synthesis and Properties” Working at GE Plastics now Sabic in The Netherlands

Université Louis Pasteur Strasbourg :

01-12-2005 G. Bonnet “Synthèses et caractérisations de fils moléculaires isolés ”; Working at Procter & Gamble - Brussels

01-12-2005 G. Fleury, “Des polyrotaxanes de haute masse moléculaire au réseau topologique : les gels à points de réticulation glissants ”; Maître de conférences, Université Bordeaux

12-03-2007 S. Audran, "Etude des propriétés et des mécanismes de mise en forme des résines photolithographiques pour une application capteurs d'images CMOS avancés", Working at STMicroelectronics – Crolles, France

26.11.2007 C. Rosenfeld, "Les systèmes microfluidiques : de nouveaux outils en génie de la polymérisation. Application à la synthèse de polymères et copolymères à blocs"

21-01-2008 M. May " Etude de l'intégration des résines à amplification chimique 193 nm de tonalité positive ou négative pour une application microélectronique sub-65 nm " Working at CEA LETI Grenoble France

28-11-2008 F. Richard, « Conception, synthèse et caractérisation de copolymères à blocs "bâtonnet-pelote" en vue d'applications photovoltaïques : de la macromolécule au dispositif » Ingénieur de Recherche CNRS

27-02-2009 E. Ismailova, « Procédés lithographiques pour les technologies des semi conducteurs inférieures à 90 nm : de la synthèse à l'étude des mécanismes physico-chimiques induisant la rugosité des motifs. »; Ingénieur de recherche Ecole des Mines de Saint-Etienne

03-04-2009 R. Bechara, « Elaboration et caractérisation de cellules photovoltaïques à base de polymères semi-conducteurs », e*n co-direction avec Prof. T. Heiser* Ingénieur de Recherche Cube Strasbourg France

14-05-2009 M. Badila, « Synthèse et caractérisation des particules électrophorétiques pour les encres électroniques » Working at DI Herfried Lammer - Kompetenzzentrum Holz GmbH Austria

16-06-2009 C. Travelet, « Systèmes supramoléculaires à base d'α-cyclodextrines et de poly(oxyéthylène) : structure et propriétés des pseudo-polyrotaxanes, polyrotaxanes et gels glissants », Ingénieur de Recherche CNRS CERMAV Grenoble France

13-12-2010 L. Biniek, « Polymères semi-conducteurs à faible largeur de bande interdite : de la synthèse au dispositif photovoltaïque organique », e*n co-direction avec Prof. T. Heiser;* Post-doctorante ISIS Strasbourg France

04-01-2012 V. Gernigon, « Utilisation de copolymères à blocs dans les cellules solaires organiques: Morphologie, transport de charges et conversion photovoltaïque », e*n co-direction avec Prof. T. Heiser;* Post-doctorante – Toulouse, France

Université Bordeaux 1

12-12-2011 C. Nicolet, « Synthèse de (co)polymères à base de poly(3-hexylthiophène) pour le photovoltaïque organique, e*n co-direction avec Prof. H. Cramail et Dr. E. Cloutet;* Ingénieur Arkema – Bordeaux, France

07-12-2012 S.J. Mougnier, « Copolymères semi-conducteurs à architectures variées : De l'ingénierie macromoléculaire à l'électronique organique », e*n co-direction avec Dr. C. Brochon;* Post-doctorant ESPCI – Paris, France

12-12-2012 A. Charbonnier, « synthèse et caractérisation d'encres électrophorétiques pour la réalisation de papier électronique couleur », e*n co-direction avec Dr. C. Brochon;* Chef de projet start-up POLYPHOS – Bordeaux, France

14-12-2012 K. Bethani, « Synthesis of π-Conjugated-b-Polyelectrolyte Block Copolymers: Application to the Dispersion of CNTs », e*n co-direction avec Dr. E. Cloutet ;* Chef de projet start-up POLYPHOS – Bordeaux, France

14-06-2013 D. Deribew, « Etude du diagramme de phases de copolymères à blocs de type Rigide/Flexible : relations entre la morphologie et les propriétés photovoltaïques », e*n co-direction avec Dr. G. Fleury;* post-doctorant BELECTRIC – Nurenberg, Germany

16-12-2013 C. Reboul, « Auto-assemblage de copolymères à blocs à haute force de ségrégation dans une configuration de film mince », e*n co-direction avec Dr. G. Fleury*

20-06-2014 C. Lacroix, « L'étude des mélanges de polymères semi-conducteur/ferroélectrique en films minces : applications en électronique organique», e*n co-direction avec Dr. G. Fleury*

17-12- 2015 Déborah Mirbel, « synthèse et la formulation d'encres électrophorétiques pour le papier électronique », e*n co-direction avec Dr. C. Brochon*

09-12-2016 Anna Hofmann, « Conducting Aqueous PEDOT Based Dispersions for Organic Electronic Applications », e*n co-direction avec Dr. E. Cloutet*

08-12-2016 Ioannis Petsagkourakis, « High performance polymer and polymer/inorganic thermoelectric materials » e*n co-direction avec Dr. G. Fleury*

22-12-2017 Ségolène Antoine, « Synthesis of linear and star miktoarm ABC terpolymers and their self-assembly in thin films » e*n co-direction avec Dr. G. Fleury*

12-12-2018 Camille Geffroy, « Hybrid systems for highly efficient and stable perovskite solar cells » e*n co-direction avec Prof. H. Segawa et Prof. T. Toupance*

18-12-2018 Nicoletta Spampinato, « Ferroelectric polymers for organic electronic applications » e*n co-direction avec Dr. M. Maglione*

21-06-2019 Konstantinos Kallitsis, « Modification chimique de polymères électroactifs fluorés » *en co-direction avec Dr. C. Brochon et Dr. E. Cloutet*

11-2019 Geoffrey Prunet

/Supervised post-doctoral fellows and scientific visitors

Entre 1984 et 1989 au laboratoire de recherche IBM à San José (USA) :

Gilbert Clouet †, D.R. au CNRS (Démarrage de la thématique polymérisation radicalaire contrôlée)
André Kovacs †, D.R. au CNRS (propriétés rhéologiques des polymères cycliques)
Henri Benoit, Prof. ULP (théorie et calcul des copolymères multiséquencés et copolymères cycliques)
Geritt ten Brinke, Prof. Univ. Groningue (simulations des polymères à l'état confiné, des polymères cycliques et des copolymères adsorbeurs en surface)
Jean-Pierre Montfort, Prof. Univ. Pau (mise au point d'un nanorhéomètre, nanorhéologie des polymères)
Jean-François Tassin, Prof. et Vice-président Univ. du Mans (étude de l'adsorption de copolymères en surface en utilisant la méthode des plasmons de surface)
Dominique Ausseré, D.R. au CNRS en détachement pour création d'entreprise au Mans (simulations Monte Carlo des polymères à l'état confiné)
Roger Horn, Prof. Univ. Adélaïde (Australie) (nanorhéologie des polymères)
Ragnar Erlandsson, Prof. Univ. Göteborg (développement de microscope à force atomique en régime friction)
Iannis Bitsanis, Prof. Univ. Floride (simulations de polymères à l'état confiné)

Entre 1989 et 2001 à l'Université de Groningue (NL) :

Henri Benoit †, Prof. ULP (théorie des copolymères séquencés)
Marios Kosmas, Prof. Univ. Ioannina (GR) (théorie des copolymères cycliques)
Dominique Morichère, Société Alcatel (Polymères photoréfractifs)
Jean-Claude Wittmann, D.R. au CNRS et Directeur scientif. ICS Strasbourg (étude morphologique d'oligomères semiconducteurs en masse et couche mince)
Iannis Kallitsis, Prof. Univ. Patras (GR) (synthèse de polymères semiconducteurs)
Alain Hilberer, Ingénieur de Recherche Dow Corning (B) (synthèse de copolymères semiconducteurs)
Sabri Akari, Chercheur MPI (D) (développement de l'AFM haute température)
Alexandre Semenov, D.R. au CNRS, ICS Strasbourg (théorie des polymères aux surfaces et nanorhéologie)
Andrei Subbotin, Chercheur Univ. Moscou (théorie des polymères, nanorhéologie)
A.R. Schlatmann, Ingénieur de Recherche Philips (NL) (propriétés électroniques des polymères semiconducteurs)
Eric Pelletier, Univ. Pau (nanorhéologie des polymères)
Pascal Bezou, Univ. Paris VII (synthèse de polymères semiconducteurs)
Marc Moroni, Ingénieur de Recherche Corning, Fontainebleau (synthèse de polymères semiconducteurs)
Valérie Grayer (morphologie des polymères)
Kostas Tsitsilianis, Prof. univ. Patras (GR) (synthèse de copolymères)
An Pham, Ingénieur de recherche Unilever (GB) (spectroscopie de polymères et oligomères semiconducteurs)
Christine Ortiz, Prof. MIT (USA) (mesure des propriétés mécaniques de macromolécules uniques)
Lahoussine Ouali, Univ. Genève (CH) (propriétés électroniques de dispositifs électroniques)
Nadjet Ouali (propriétés optiques et structure d'oligomères et polymères semiconducteurs)
Ulf Stalmach, Ingénieur de recherche (D) (synthèse de polymères semiconducteurs)
C.D. Skordoulis, Prof. Univ. Athènes (GR) (mise au point du SNOM)
D. Tsamouras, FORTH (GR) (transfert de technologie)

De 2001 à 2009 à l'ECPM :

Rachel Segalman, Prof. univ. Berkeley (USA) (synthèse de copolymères semiconducteurs)

Alberto Bolognesi †, D.R. au CNR Milano (I) (synthèse d'oligomères et polymères semiconducteurs)
Bertrand Takam (synthèse d'encres électroniques)
Umberto Giovanella (propriétés électroniques de dispositifs photovoltaïques)
Sidi Oud Saad (propriétés électroniques de polymères semiconducteurs)
Jean-François Eckert (synthèse de polymères conducteurs transparents)
Georges Adamopoulos (propriétés électroniques de polymères semiconducteurs)
Anne Hébraud (electronic inks)
K.D.P Nigam, Prof Univ. New Delhi (genie de la polymerisation)
Solenn Berson (électrodes transparentes semiconductrices à base de nanotubes de carbone)

De 2009 à présent à l'Université de Bordeaux :

Nicolas Gatt, Ingénieur Veritas, Thermoelectric polymer
Xavier Chevalier, Ingénieur Arkema, Directed self-assembling of block-copolymer
Cédric Renaud, MCF Université Paul Sabatier, Optoelectronic properties of polymers
Dnyaneshwar Palaskar, Research scientist – India, Polyrotaxanes
Esma Ismailova, Ingénieur, McF EMSE Gardanne, Lithographic polymer materials
Karim Aissou , CR IEMM CNRS – Montpellier, France, Directed self-assembling of block copolymers, development of new methodologies, for defectless organisation of nanostructures.
Eleni Pavlopoulou, Maître de Conferences, Bordeaux INP, Bordeaux
Feifei Ng, Ingénieur Medincell, Montpellier
Chandrasekar Kuppan, India, synthesis of semiconducting polymers
Veronica Castillo - Research Engineer TOTAl, Lyon, study of semi-crystalline polymers
Wonsang Kwon, Project Manager, LG, South Korea
Yecheol Rho, Project Manager, LG, South Korea
Ozlem Usluer - research professor, UMASS, Amherst USA, OLEDs
Shenghong Yao, Printing processes of transparent electrodes
Laurent Badie, Ingénieur Université de Lorraine, Ferroelectric polymers
Bryan Kuropatwa, High School Teacher, Ontario-Canada, Thermoelectric polymers
Jon Maiz, chercheur, Univ de San Sebastian, Ferrolectric polymers
Mitica-Cezar Spiridon, Ingénieur de recherche, Roche-Munich, Synthesis of functional block copolymers
Eftychia Grana, Directrice R&D Kemica Coating, Chartres, synthesis of semiconducting polymers
Dimitrios Katsigiannopoulos, Ingénieur de recherche, Phenix Technologies-France, Synthesis of ionic polymers
Muhammad Mumtaz, Post-doc CERMAV Grenoble, Synthesis of semiconducting polymers and block copolymers
Amélie Noël, Ingénieur, Arkema-Serquigny, synthesis and formulation of electrophoretic inks
Olga Siscan, Ingénieur, Medincell-Montpellier, synthesis of semiconducting ferroelectric block copolymers
Tindara Verduci, ingénieur, ISORG-Bordeaux, physics of perovskite solar cells
Damien Thuau, Maître de conférences Bordeaux INP, ferroelectric devices
Siham Telitel, Research & development Engineer, SNF Saint Etienne, Hybrid organic/inorganic block copolymers

Scientific visitors

Prof. Hiro Hasegawa, Kyoto University, Japan, 3-D Transition Electron Microscopy
Prof. Kookheon Char, Seoul National University, Chemical Innovations for Sustainable Growth: Sulfur Utilization
Prof. Heinz Von Seggern, University of Darmstadt, Device physics of organic light emitting transistors and organic field-effect transistors
Prof. Samuel Jenekhe, University of Washington, organic materials for optoelectronics and printed electronics

Prof. Mats Fahlman, University of Linköping, physics of semiconducting polymers and UPS/IPES/XPS spectroscopies
Prof. Giuseppe Portale, University of Groningen, Physics of thin-film polymer self-assembly
Prof. Seth Marder, University of Atlanta, chemistry of the highly doped semiconducting organic materials