

### III. SEMINARS & PRESENTATIONS

*Vorträge und Konferenzbeiträge*

11.2.99	Univ. of California, Santa Barbara, Inst.f.Polymer & Organic Solids (USA)
	<u>Invited lecture (Sariciftci): <i>Plastic Solar Cells</i></u>
27.2. - 6.3.99	XIIth Int. Winterschool on "Electronic Properties of Novel Materials" IWEPNM99, Kirchberg/Tirol (A)
	<u>Poster: <i>Solarzellen aus Kunststoff</i></u>
	<u>Godovsky, O. Inganäs, C. J. Brabec, N. S. Sariciftci, J. C. Hummelen, R. A. J. Janssen, M. Prato, M. Maggini, J. Segura, N. Martin</u>
	<u>Poster (Neugebauer):<i>In Situ ATR-FTIR Spectroelectrochemical Comparison of pristine and polymerized C<sub>60</sub> films</i></u>
	C. Kvarnström, H.Neugebauer, N.S. Sariciftci
14. - 19.3.99	11 <sup>th</sup> Workshop on Quantum Solar Energy Conversion, Quantsol 99, Wildhaus (CH)
	<u>Talk (Padinger):"Polymer /Fullerene blend as active layer in photovoltaic devices"</u>
30.3. - 4.4.99	5 <sup>th</sup> Int. Conference on Solar Energy Storage and Applied Photochemistry (Solar 99) & 2 <sup>nd</sup> Int. Workshop on Environmental Photochemistry (ENPHO 99), Kairo (Egypt)
	<u>Invited talk (Gebeyehu):<i>Characterization of Large Area Flexible Plastic Solar Cells Based on Conjugated Polymer/Fullerene Composites</i></u>
	<u>Poster: <i>Characterization of Large Area Flexible Plastic Solar Cells Based on Conjugated Polymer/Fullerene Composites</i></u>
	D. Gebeyehu, F. Padinger, C. J. Brabec, T. Fromherz, J. C. Hummelen, and N. S. Sariciftci
6. - 8.4.99	Zagazig University, Faculty of Science, Zagazig (Egypt)
	<u>Invited talk (Gebeyehu): <i>Conjugated Polymer/Fullerenes Based Bulk-Heterojunctions Large Area Flexible Plastic Solar Cells</i></u>
10. - 11.4.99	Addis Ababa University, Faculty of Technology, Addis Ababa (Ethiopia)
	<u>Invited lecture (D. Gebeyehu): <i>Characterization of Organic Solar Cells in Contrast to Conventional &amp; Thin Film Photovoltaic Devices</i></u>

12. - 13.4.99	Addis Ababa University, Faculty of Science, Addis Ababa (Ethiopia)
	<u>Invited lecture (D. Gebeyehu): Conjugated Polymer/Fullerene based bulk-heterojunctions : Large area, flexible plastic solar cells</u>
27.4. - 1.5.99	Politecnico Milano, Mailand (I)
	<u>Invited Talk (Brabec): Plastic Solar Cells</u>
5.5.99	Kammer der Architekten und Ingenieurkonsulenten für OÖ und Salzburg und ÖIAV, Landesverein OÖ, Linz (A)
	Im Rahmen der TNF-Präsentation "Faszinierende Technik"
	<u>Talk (Brabec): Plastiksolarzellen</u>
28.4.99	TU Wien
	<u>Invited lecture (Sariciftci): Plastiksolarzelle</u>
2. - 6.5.99	195 <sup>th</sup> Meeting of the Electrochemical Society, Seattle (USA)
	<u>Invited plenary lecture (Sariciftci): Fullerenes as Photoinduced Electron Acceptors: From Photophysics to Photovoltaics</u>
25. - 27.5.99	The Abdus Salam Int. Centre f. Theoretical Physics, Trieste (I)
	<u>Invited lecture (Sariciftci): Plastic Solar Cells</u>
	<u>Further participators: D. Gebeyehu, Y. Teketel</u>
17. - 18.6.99	Univ. Oldenburg, Inst. f. Energy and Semiconductor Research (D)
	<u>Invited Talk (Brabec): Plastic Solar Cells</u>
21. - 22.6.99	Univ. Oldenburg (D)
	<u>Invited lecture - Physics Colloquium (Sariciftci): Plastiksolarzelle</u>
4. - 8.7.99	3rd International Symposium on New Materials for Electrochemical Systems, Montreal (Canada)
	<u>Poster: An in situ spectroelectrochemical study on the doping of poly(3,4-ethylenedioxythiophene), PEDOT and polyisothionaphthenemethine, PIM</u>

	C. Kvarnström, H. Neugebauer, C. Brabec, R. Kiebooms, F. Wudl, A. Ivaska and N.S. Sariciftci
12. - 13.7.99	9 <sup>th</sup> Sede Boker Symposium of the National Solar Energy Center, Ben Gurion Univ. of the Negev (Israel)
	<u>Invited keynote lecture (Sariciftci):<i>Plastic Solar Cells for the 21<sup>st</sup> Century</i></u>
15.7.99	Minisymposium, Israel Institute of Technology, Technion, Haifa (Israel)
	<u>Invited lecture (Sariciftci):<i>Plastic Solar Cells</i></u>
	<u>Talk (Neugebauer):<i>Doping processes in conjugated polymers and fullerenes studied by IR spectroscopy</i></u>
22. - 27.8.99	12 <sup>th</sup> Int. Conference on Fourier Transform Spectroscopy, Waseda Univ. Tokyo (Japan)
	<u>Poster: <i>In Situ Spectroelectrochemical ATR-FTIR Measurements on Conducting Polymers</i></u>
	C. Kvarnström, H. Neugebauer, P. Damlin and A. Ivaska
10.9. - 1.10.99	Abo Academi University, Lab. of Analytical Chemistry (Finland)
	<u>Guest lecture, Course (Neugebauer):<i>Spectroelectrochemistry</i></u>
12. - 19.9.99	Summerschool, Caorle (I)
	<u>Poster and talk(Scharber): <i>Advanced Methods in Electron Spin Resonance Spectroscopy - Applications to Chemistry, Physics and Biology</i></u>
21. - 22.9.99	Univ. Groningen (NL)
	<u>Talk (Sariciftci): <i>Plastic Solar Cells</i></u>
25. - 27.10.99	Joule III Contractors Meeting, Cracow (PL)
	<u>Talk (Brabec): <i>Half time presentation of Molecular Plastic solar cells</i></u>
25. - 27.10.99	E-MRS Meeting 99, Cracow (PL)
	<u>Invited talk (Brabec):<i>Molecular Plastic Solar Cells</i></u>

5.11.99	WIFI Kurs, Linz (A)  <u>Invited Talk (Brabec): Organische Photovoltaik</u>
17. - 19.11.99	XVI Convegno GNSR "Le Spettroscopie Ottiche nella Scienza dei Materiali", Milano (I)  <u>Talk (Cravino): Studio spettroscopico di polimeri a basso energy gap: poliditienotiofeni"</u>  A. Cravino, H. Neugebauer, N.S. Sariciftci, M. Catellani, S. Luzzati
29.11. - 3.12.99	MRS Fall Meeting 99, Symposium BB: Electrical, Optical and Magnetic Properties of Organic Solid State Materials V, Boston (USA)  <u>Talk (Brabec): Plastic Solar Cells using conjugated polymer/fullerene composite films</u>  <u>Talk (Brabec): Direct Observation of 40 femtosecond charge transfer from conjugated polymers to fullerenes: quenching of photoexcited coherent vibrational dynamics</u>  <u>Poster: Electrochemically- and Photo-Induced IR Absorption of Low Band-Gap Polydithienothiophenes: a Comparative Study</u>  A. Cravino, H. Neugebauer, N.S. Sariciftci, M. Catellani, S. Luzzati  <u>Poster: The influence of ordering on the photoinduced charge transfer in composites of phenyl-type substituted polythiophenes with methanofullerenes</u>  C.J. Brabec, C. Winder, N. S. Sariciftci, M. R. Andersson, O. Inganäs, J. C. Hummelen  <u>Poster: Investigation of Photoinduced Charge Transfer in Composites of PPV from a novel Precursor polymer and fullerenes</u>  C.J. Brabec, A. Cravino, G. Zerza, N. S. Sariciftci, R. Kiebooms, D. J. Vanderzande, J. C. Hummelen  <u>Poster: Investigation of photoinduced triplet states in various substituted fullerenes with and without optically active sidegroups</u>  M.C. Scharber, G. Zerza, N. S. Sariciftci, C. J. Brabec, M. Maggini, M. Prato, J. Segura, N. Martin, J. C. Hummelen  <u>Poster: Quenching of the magnetic field effect on the photocurrent and photocurrent detected magnetic resonance in conjugated polymer fullerene diodes</u>  M. C. Scharber, N. S. Sariciftci, C.J. Brabec, F. Padinger  <u>Poster: Infrared Photospectroelectrochemistry of Germanium/Pedot/ Electrolyte Interfaces</u>  H. Neugebauer, Y. Teketel, N.S. Sariciftci

	<u>Poster: <i>In Situ Attenuated Total Reflection FTIR Spectroelectrochemistry of Benzimidazobenzophenanthroline (BBL)</i></u>
	Y. Teketel, H. Neugebauer, N.S. Sariciftci, S.Yi, A.A. Jenekhe
	<u>Poster: <i>Highly Ordered Crystalline Thin Film Bilayers of Parahexaphenyl and C<sub>60</sub> Grown by Hot Wall Epitaxy</i></u>
	H. Sitter, G. Matt, A. Andreev, C.J. Brabec, H. Neugebauer, N.S. Sariciftci
	<u>Poster: <i>Photoinduced charge transfer between tertacyano-anthraquino-dimethane derivatives and conjugated polymers</i></u>
	G. Zerza, M.C. Scharber, N.S. Sariciftci, J.L. Segura, R. Gomez, N. Martin
11.-14.12.99	Universidad Complutense Madrid, Dept. de Quimica Organica (E)
	<u>Invited talk (Zerza):<i>Photoinduced charge transfer between tertacyano-anthraquino-dimethane derivatives and conjugated polymers</i></u>