

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

AUTHOR INDEX

- Agulló, Núria, 225
 Alivisatos, A. Paul, 177
 Amaral, A., 99
 Andriessen, R., 169
 Arias, Ana Claudia, 179
 Aziz, H., 31

 Bao, Z., 113
 Beelen, Z., 169
 Belosludov, R.V., 199
 Blochwitz, Jan, 49
 Blom, Paul W.M., 59, 125
 Borrós, Salvador, 225
 Brabec, C.J., 191
 Bradley, Donal, 67
 Branz, Howard M., 205
 Bras, Wim, 237
 Brazis, Paul, 155
 Brillante, Aldo, 149
 Brogueira, P., 99
 Byrne, H.J., 261

 Campbell, Alasdair, 67
 Campbell, I.H., 137
 Carius, R., 119
 Castaño, V.M., 231
 Chambers, G., 261
 Chen, H., 199
 Chiguvare, Z., 191
 Chowdhuri, A. Roy, 155
 Colomban, Philippe, 273
 Crone, B., 113

 Deibel, C., 191
 de Leeuw, Dago M., 125
 Della Valle, Raffaele G., 149
 De Schepper, L., 169
 D'Haen, J., 169
 Dhoot, Anoop S., 53
 Do, Jung Yun, 249
 Dodabalapur, A., 113
 Dolbnya, Igor P., 237
 D'Olieslaeger, M., 169
 Dyakonov, V., 191

 Eccleston, William, 161

 Edder, Carine, 177
 Esteve, Joan, 225

 Farajian, A.A., 199
 Faria, Roberto M., 105
 Farina, Luca, 149
 Farrell, G., 261
 Feng, X.D., 31
 Fong, H.H., 79
 Fréchet, Jean M.J., 177
 Friend, Richard H., 179
 Fuhrmann, Thomas, 85
 Fung, M.K., 37
 Furumi, Seiichi, 255

 Galvin, Mary E., 13
 Gamota, Dan, 155
 Gaudin, Olivier, 93
 Gelperin, A., 113
 Gerlach, Gerald, 267
 Girlando, Alberto, 149
 Godinho, M.H., 99
 Goris, L., 169
 Graeff, Carlos F.O., 105
 Graves-Abe, T., 43
 Greenham, Neil C., 53, 179
 Gregg, Brian A., 205
 Grozea, D., 31
 Guenther, Margarita, 267
 Gyepes, Robert, 213

 Herguth, Petra, 3
 Higgins, Simon J., 161
 Ho, J., 131
 Hong, X.M., 113
 Hor, A-M., 31
 Horsburgh, Lockhart E., 237
 Huang, Jing S., 49
 Huiberts, Hans, 59
 Hummelen, J.C., 191
 Hung, L.S., 37

 Igarashi, N., 199
 Ikkala, Olli, 237

 Jackman, Richard B., 93

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

Jen, Alex K.-Y., 3, 219

Jiang, Xuezhong, 3

Jokela, Kaija, 237

Ju, Jung-Jin, 249

Kafafi, Zakya H., 19

Katz, H.E., 113

Kawazoe, Y., 199

Klomfass, J., 119

Knaapila, Matti, 237

Knipp, D., 119, 131

Kreouzis, Theo, 67

Krusor, B., 131

Lavareda, G., 99

Lee, Myung-Hyun, 249

Lee, S.T., 37

Leo, Karl, 49

Le Rendu, Philippe, 93

Li, T., 137

Li, Y.Q., 37

Lianos, Panagiotis, 273

Liu, Michelle S., 3

Lloyd, Giles, 161

Lovinger, A.J., 113

Lu, Z.H., 31

Lun, K.C., 79

MacKenzie, J. Devin, 179

Majumder, C., 199

Mäkinen, Antti J., 19

Manca, J., 169

Martens, T., 169

Mashiko, Shinro, 255

Masino, Matteo, 149

Meijer, Eduard J., 125

Melo, L.V., 99

Micka, Zdenek, 213

Milliron, Delia J., 177

Mizuseki, H., 199

Monkman, Andrew P., 237

Munters, T., 169

Murata, Hideyuki, 19

Mushrush, M., 113

Narkis, Moshe, 243

Nelson, Jenny, 67

Nemec, Ivan, 213

Nguyen, Thien-Phap, 93

Nunes de Carvalho, C., 99

O'Connell, B.S., 261

Orel, Boris, 273

Otomo, Akira, 255

Palilis, Leonidas C., 19

Pålsson, Lars-Olof, 237

Parisi, J., 191

Park, Seung Koo, 249

Park, Suntak, 249

Paz-Diago, M., 225

Pfeiffer, Martin, 49

Phelan, S.B., 261

Pitois, Claire, 177

Poplavskyy, Dmytro, 67

Pschenitzka, F., 43

Pudzich, Robert, 85

Raja, Munira, 161

Ramsdale, Catherine M., 179

Reyes, J., 231

Riedel, I., 191

Ruden, P.P., 137

Salbeck, Josef, 85

Santos, Lucas F., 105

Saragi, Tobat P.I., 85

Sariciftci, N.S., 191

Sassa, Takafumi, 219

Sedghi, Naser, 161

Segal, Ester, 243

Serimaa, Ritva, 237

Siegmann, Arnon, 243

Silva, George B., 105

Smith, D.L., 137

So, S.K., 79

Someya, T., 113

Stangar, Urska Lavrencic, 273

Street, R.A., 119, 131

Sturm, J.C., 43

Suchaneck, Gunnar, 267

Szczec, John, 155

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

Tada, Hirokazu, 143

Takada, Masaki, 143

Tanase, Cristina, 125

Tchoudakov, Roza, 243

ten Brinke, Gerrit, 237

Torkkeli, Mika, 237

Torsi, L., 113

Trojánek, Frantisek, 213

Turak, A., 31

Uchida, Manabu, 19

Vaidyanathan, Subramanian, 13

Vanderzande, D., 169

van Woudenberg, Teunis, 59

Velazquez, R., 231

Venuti, Elisabetta, 149

Vuk, Angela Surca, 273

Wang, J.-T., 199

Werner, Ansgar, 49

Wolf, Bodo, 267

Wong, F.L., 37

Wong, T.C., 37

Xie, Z.Y., 37

Yamashita, Yoshiro, 143

Yokoyama, Shiyoshi, 255

Zhang, Jie, 155

Zheng, Lixin, 219

Zhou, Xiang, 49

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

SUBJECT INDEX

- acrylic system, 231
- Alq/Mg:Ag interface, 31
- aluminum oxide, 161
- atomic force microscope (AFM), 99
- BTQBT and its derivatives, 143
- C₆₀ thin film, 261
- carrier injection and transport layers, 49
- CdSe, 177
- charge-based deep level transient spectroscopy, 93
- conducting polymer(s), 59, 125
 - blends, 243
- conductivity, 205, 261
- conjugated polymer(s), 3, 53, 237
- copolymer, 13
- cross-section, 219
- dark-injection method, 67
- DCM, 79
- defect spectroscopy, 191
- dendrimers, 255
- depth-sensing nano-indentation, 267
- device physics, 59
- di-L-valine selenate monohydrate, 213
- diode, 105
- doping, 205
- dye diffusion, 43
- electrical doping, 49
- electrically detected magnetic resonance, 105
- electroluminescence, 3, 13, 261
- electrooptic polymer, 249
- exciplex emission, 19
- FET, 85
- field-effect transistor(s), 113, 125
- fluorescence, 177
- hole mobility, 79
- host-guest system, 249
- hydroxypropylcellulose (HPC), 99
- indium tin oxide (ITO), 99
- inverted OLEDs, 49
- ion-implanted polymer thin films, 267
- i-v characterization, 179
- lattice dynamics, 149
- light-emitting diode(s), 3, 53
- liquid crystalline polymer, 243
- manufacturing, 155
- MDMO-PPV:PCBM, 169
- MMA-TEGDMA copolymers, 231
- mobility, 143
- modification depth, 267
- molecular
 - device, 199
 - organic light emitting diodes, 19
- OLEDs, 31
- open-circuit voltage, 179
- organic
 - devices, 137
 - field-effect transistors, 143
 - semiconductor, 113
 - solar cell(s), 169, 191
 - transistor, 155
- oxadiazole, 13
- oxide current, 161
- pentacene, 119, 131, 137, 149
- perylene, 205
- phase separation, 231
- photocrosslinking, 255
- photocurrent spectroscopy, 119
- photophysical properties, 219
- photothermal deflection spectroscopy, 119
- photovoltaic device, 199
- plasma polymerization, 225
- polyfluorene(s), 67, 179
- poly(3-hexylthiophene), 161

Cambridge University Press

978-1-107-41189-0 - Materials Research Society Symposium Proceedings: Volume 725:

Organic and Polymeric Materials and Devices—Optical, Electrical and Optoelectronic Properties

Editors: Ghassan E. Jabbour, Sue Anne Carter, Junji Kido, Shuit-Tong Lee and

Niyazi Serdar Sariciftci

Index

[More information](#)

- polyisoimide, 249
- polymer, 43, 137
 - film, 191
 - light-emitting diode, 59
- poly(p-phenylene vinylene) (PPV), 93
- polypyridine, 237
- polypyrrole, 225
- polythiophene, 177, 225
- porphyrin-fullerene, 199
- PPV, 105
- printing technologies, 155
- quantum mechanical calculation, 79
- Raman spectroscopy, 149, 273
- redox electrolyte, 273
- rubrene, 79
- sensor, 243
- SHG, 213
- siloles, 19
- sol-gel, 273
- solvent, 43
- spiro-compounds, 85
- TEM, 169
- TFT, 131
- thin film(s), 225
 - transistor, 131
- thiophene oligomer, 113
- time-of-flight, 79
 - method, 67
- TPD, 79
- traps, 93
- triplet(-)
 - exciton, 53
 - triplet energy transfer, 255
- two-photon absorption, 219
- vibrational spectra, 213
- XPS, 31
- x-ray diffraction, 237