

Cambridge University Press

978-1-107-40837-1 - Nanotubes, Nanowires, Nanobelts and Nanocoils—Promise, Expectations and Status: Materials Research Society Symposium Proceedings: Volume 1142

Editors: Prabhakar R. Bandaru, Sonia Grego and Ian Kinloch

Index

[More information](#)

AUTHOR INDEX

- Ahmad, Tokeer, 75
 Ahmed, Jahangeer, 75
 Aliev, Ali E., 165

 Bandaru, Prabhakar, 17, 207
 Bao, Lihong, 129
 Baughman, Ray H., 165
 Belton, Lauren E., 105
 Benayad, Anass, 135
 Biris, Alexandru R., 37, 157
 Biris, Alexandru S., 37, 43, 157
 Brett, Michael J., 61

 Call, Ann, 215
 Chang, Pei-Hsin, 197
 Chen, Cheng-Ying, 197
 Chen, Jun, 11
 Choi, Jae-Young, 135
 Choi, Wonbong, 227

 Day, Chris, 191
 Debies, Thomas, 99
 Deck, Christian, 207
 de Menezes, Vivian, 179
 Dervishi, Enkeleda, 37, 43, 157
 D'Esposito, Cassandra, 67
 Don, Alexey, 25

 Ershova, Olga, 221

 Fagan, Solange B., 179
 Fazzio, Adalberto, 179

 Ganguli, Ashok K., 75
 Ganguly, Aparna, 75
 Gao, Hongjun, 129
 Goenaga, Gabriel, 215
 Grebel, Haim, 173, 185

 He, Jr-Hau, 197
 He, X.N., 151
 Hemani, Gautam K., 165
 Hoefer, Mark, 17
 Hofmann, Tino, 91
 Homma, Yoshikazu, 3

 Hwang, Sookhyun, 227

 Jeon, Minhyon, 227
 Jin, Feng, 191

 Kanayama, Toshihiko, 123
 Karaeva, Aida, 25
 Kear, Bernard, 67
 Kharitonov, Dmitry, 25
 Khatoon, Sarwari, 75
 Kim, Jong Min, 135
 Kim, Sung Jin, 135
 Kim, Taehyung, 227
 Kimball, Brian, 105
 Kjerstad, Ann, 91
 Knizhnik, Andrey, 221
 Kohn, Hideo, 3
 Kornblit, Avi, 173, 185

 LaForge, Joshua M., 61
 Lebedeva, Irina, 221
 Lee, Seon Woo, 173, 185
 Lee, Young Hee, 135
 Li, Zhongrui, 37, 43, 157
 Lim, Jin-Hee, 55
 Lin, Gong-Ru, 143
 Little, Scott, 191
 Liu, Di-Jia, 215
 Liu, Jie, 115
 Liu, Xiaofei, 67
 Liu, Yan, 191
 Lopez, Daniel, 173, 185
 Lozovik, Yurii, 221
 Lu, Yong Feng, 151
 Lupu, Dan, 37

 Mahjouri-Samani, M., 151
 Mahmood, Meena W., 37, 43
 Marazzi, Renzo, 49
 Maruyama, Takahiro, 31
 Maslov, Igor, 25
 Meng, Fan-Shuen, 143
 Minett, Andrew, 11
 Mirabile Gattia, Daniele, 49
 Mitberg, Eduard, 25

Cambridge University Press

978-1-107-40837-1 - Nanotubes, Nanowires, Nanobelts and Nanocoils—Promise, Expectations and Status: Materials Research Society Symposium Proceedings: Volume 1142

Editors: Prabhakar R. Bandaru, Sonia Grego and Ian Kinloch

Index

[More information](#)

- Miyazaki, Takehide, 123
 Montone, Amelia, 49
 Mordkovich, Vladimir Z., 25
 Mota, Ronaldo, 179

 Nagarajan, Ramanathan, 105
 Naritsuka, Shigeya, 31
 Ni, Chinung, 207
 Nichols, Jeffrey, 17

 Oliveira, Luciana, 99
 Osgood, Richard, 105
 Oshin, Olumide D., 37, 43

 Pai, Yi-Hao, 143
 Piscopiello, Emanuela, 49
 Popov, Andrey, 221
 Potapkin, Boris, 221

 Quigley, Caitlin, 105

 Rocha, Alexandre, 179
 Rotkin, Slava, 173

 Saini, Viney, 37, 43, 157
 Sato, Kuninori, 31
 Schmidt, Daniel, 91
 Schubert, Eva B., 91
 Schubert, Mathias, 91
 Serak, Svetlana, 105
 Shen, Chengmin, 129
 Sherrell, Peter C., 11
 Shin, Hyeon-Jin, 135
 Shiraiwa, Tomoyuki, 31
 Silverman, Edward M., 165
 Sirenko, Andrei, 173
 Steeves, Diane M., 105

 Tabiryan, Nelson, 105
 Takacs, Gerald A., 99
 Takeda, Seiji, 3
 Tian, Jifa, 129
 Tsai, Kun-Tong, 197
 Tse, Stephen, 67

 Uchida, Noriyuki, 123
 Uchiyama, Tetsuya, 3

 Vecchio, Kenneth, 207
 Vedala, Harindra, 227
 Vittori Antisari, Marco, 49

 Wallace, Gordon G., 11
 Walsh, Gary, 105
 Wang, Xing Jun, 129
 Wani, Irshad A., 75
 Watanabe, Fumiya, 157
 Welch, James, 105
 Wiley, John, 55

 Xiong, W., 151
 Xu, Fusheng, 67
 Xu, Yang, 37, 43, 157

 Yang, Junbing, 215
 Yang, Sungwoo, 115
 Yang, W.Q., 151
 Yi, K.J., 151
 Yoon, Seon-Mi, 135
 Yoshida, Hideto, 3

 Zaglyadova, Svetlana, 25
 Zanella, Ivana, 179
 Zhou, Y.S., 151

Cambridge University Press

978-1-107-40837-1 - Nanotubes, Nanowires, Nanobelts and Nanocoils—Promise, Expectations and Status: Materials Research Society Symposium Proceedings: Volume 1142

Editors: Prabhakar R. Bandaru, Sonia Grego and Ian Kinloch

Index

[More information](#)**SUBJECT INDEX**

- absorbent, 179
- actuator, 221
- B, 129
- C, 25, 49, 99, 151, 165
- catalytic, 25, 37, 157, 215
- chemical
 - synthesis, 75
 - vapor deposition (CVD)
 - (chemical reaction), 37, 129, 157, 173
 - (deposition), 3, 11, 151, 191, 215
- coating, 191
- core/shell, 55
- defects, 17
- devices, 221
- dopant, 135
- electrical properties, 43, 135, 173, 185, 227
- electrodeposition, 55
- energy storage, 11
- field emission, 129
- film, 123
- flame synthesis, 67
- fluid, 207
- liquid crystal, 105
- magnetic, 91
- nano-indentation, 115
- nanoscale, 11, 105, 115, 123, 185, 221, 227
- nanostructure, 3, 17, 31, 37, 43, 49, 55, 61, 67, 75, 115, 143, 151, 157, 165, 173, 179, 207, 215
- Ni, 143
- optical properties, 43, 91, 105, 185
- optoelectronic, 197
- oxidation, 99, 135
- Pt, 197
- Raman spectroscopy, 17, 31
- sensor, 227
- Si, 123, 143
- simulation, 179
- stress/strain relationship, 207
- thermal conductivity, 165
- thin film, 61, 91, 191
- transmission electron microscopy (TEM), 3, 25, 31, 49, 75
- x-ray photoelectron spectroscopy (XPS), 99
- Zn, 61, 67
- zone melting, 197