

## AUTHOR INDEX

- Abrikosov, Igor A., 3  
 Annamareddy, V. Ajay, 43  
 Armstrong, David E.J., 99
- Baldinozzi, Gianguido, 49, 61, 81  
 Barannikova, Svetlana A., 3  
 Baskes, Michael, 27  
 Beck, Christian E., 99  
 Beeler, Ben, 27  
 Béreard, Nicolas, 81
- Calonne, Olivier, 107  
 Castelier, Etienne, 125  
 Chou, Peter, 107  
 Colin, Christian, 131
- Demange, G., 49  
 Deo, Chaitanya S., 27  
 Deranlot, C., 61  
 Deschanel, X., 69  
 Desgranges, Lionel, 151  
 Do, Ngoc-Long, 81  
 Dourdain, S., 69  
 Dugne, O., 69  
 Duval, F., 69
- Eapen, Jacob, 37, 43  
 Edmondson, Philip D., 87, 99
- Fournier, Lionel, 107
- Gai, Xiao, 21  
 Gandy, Amy S., 75  
 Gorse-Pomonti, Dominique, 81  
 Gosset, Dominique, 49, 131  
 Goudeau, Philippe, 125  
 Grandjean, A., 69  
 Grygiel, C., 69  
 Gunn, David S.D., 15
- Hellman, Olle, 3  
 Hyatt, Neil C., 75
- Jankowiak, Aurélien, 131
- Kawano, Toshiaki, 139  
 Kenny, Steven, 21  
 Kruska, Karen, 107  
 Kurosaki, Ken, 139  
 Kutsuwada, Masanori, 93
- Largeau, L., 61  
 Lochet, Nicolas, 131  
 Lozano-Perez, Sergio, 107  
 Luneville, Laurence, 49, 61, 131
- Matheron, Pierre, 151  
 Matsumura, Syo, 93  
 Maxel, Maud, 131  
 Micha, Jean-Sebastien, 125  
 Moncoffre, Nathalie, 61, 81  
 Moore, Alex P., 27  
 Muta, Hiroaki, 139
- Namavar, Fereydoon, 87  
 Nandi, Prithwish K., 37, 43
- Ohishi, Yuji, 139  
 Okuniewski, Maria, 27  
 Ott, F., 61
- Palancher, Herve, 125  
 Parish, Chad M., 87  
 Pellet-Rostaing, S., 69  
 Pieck, Dario, 151  
 Ponomareva, Alena V., 3  
 Pontillon, Yves, 151  
 Purton, John A., 15

- Rey, C., 69  
Richard, Axel, 125  
Roberts, Steve G., 99, 119  
Ruban, Andrei V., 3
- Saxey, David W., 107  
Serruys, Y., 61, 69  
Simak, Sergei I., 3  
Simeone, D., 49, 61  
Smith, George D.W., 107  
Smith, Roger, 21  
Stennett, Martin C., 75  
Stratulat, Alisa, 119  
Sundaram, S.K., 145
- Takaki, Seiya, 93  
Terachi, Takumi, 107  
Todorov, Ilian T., 15  
Toquer, G., 69
- Uno, Masayoshi, 139
- Vandenberghé, Thierry, 131  
Vekilova, Olga Yu., 3
- Weber, William J., 87  
Woskov, Paul P., 145
- Yamada, Takuyo, 107  
Yamamoto, Tomokazu, 93  
Yamanaka, Shinsuke, 139  
Yasuda, Kazuhiro, 93  
Young, Neil P., 87
- Zhang, Yanwen, 49, 87

## SUBJECT INDEX

- C, 145  
 Ce, 93  
 compound, 151  
 corrosion, 107
- defects, 93
- elastic properties, 139  
 electron energy loss spectroscopy (EELS), 107  
 electron irradiation, 93  
 embrittlement, 119
- Fe, 21  
 fiber, 131  
 fracture, 131, 145
- grain boundaries, 43, 119
- He, 21
- infrared (IR) spectroscopy, 75  
 ion beam analysis, 49, 61  
 ion-implantation, 75, 81, 99, 125
- Kr, 75
- microstructure, 61
- nanoindentation, 99, 119  
 nanostructure, 87  
 nuclear materials, 15, 27, 81, 87, 139, 145
- oxidation, 81
- porosity, 69
- radiation effects, 15, 21, 37, 43, 49, 61, 69
- scanning electron microscopy (SEM), 151  
 simulation, 3, 15, 37, 43  
 steel, 3, 107  
 stress/strain relationship, 125  
 structural, 49
- thermal conductivity, 139  
 thin film, 69  
 transmission electron microscopy (TEM), 87
- U, 27
- W, 99
- x-ray diffraction (XRD), 125, 131, 151
- Zr, 3, 27, 37