Record Nr. UNINA9910254323603321 CMBEBIH 2017: Proceedings of the International Conference on Medical **Titolo** and Biological Engineering 2017 / / edited by Almir Badnjevic Pubbl/distr/stampa Singapore:,: Springer Singapore:,: Imprint: Springer,, 2017 **ISBN** 981-10-4166-0 Edizione [1st ed. 2017.] 1 online resource (XIX, 806 p. 489 illus.) Descrizione fisica Collana IFMBE Proceedings, , 1680-0737 ; ; 62 Disciplina 620 Soggetti Biomedical engineering **Biomaterials** Medical informatics Biomedical Engineering and Bioengineering Biomedical Engineering/Biotechnology **Health Informatics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Sommario/riassunto This volume presents the proceedings of the International Conference on Medical and Biological Engineering held from 16 to 18 March 2017 in Sarajevo, Bosnia and Herzegovina. Focusing on the theme of 'Pursuing innovation. Shaping the future', it highlights the latest advancements in Biomedical Engineering and also presents the latest findings, innovative solutions and emerging challenges in this field. Topics include: - Biomedical Signal Processing - Biomedical Imaging and Image Processing - Biosensors and Bioinstrumentation - Bio-Micro/Nano Technologies - Biomaterials - Biomechanics, Robotics and Minimally Invasive Surgery - Cardiovascular, Respiratory and Endocrine Systems Engineering - Neural and Rehabilitation Engineering -Molecular, Cellular and Tissue Engineering - Bioinformatics and Computational Biology - Clinical Engineering and Health Technology Assessment - Health Informatics, E-Health and Telemedicine -

Biomedical Engineering Education - Pharmaceutical Engineering.