



Topic of the Speech:

Melt Electrospun Fibrous Architectures with Target Geometries

Professor Budimir Mijovic

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Professor Budimir Mijovic is employed as a full time professor and researcher at the Department of Basic Natural and Technical Sciences, Laboratory of Nanotechnology, at the University of Zagreb, Faculty of Textile Technology, Zagreb, Croatia. He finished his PhD degree in the field of biomaterials and bioengineering at the Faculty of Mechanical Engineering and Naval Engineering, University of Zagreb. After his PhD his research was focused on the mechanics of blood vessels and biorheology.

His scientific area of interest is nanofibers production via electrospinning and their application in the field of: soft tissue cells culture for potential tissue regeneration, thermally insulating materials, UV-protective materials etc. His future focus will be on the realization of a project proposal funded by the Croatian Science Foundation concerning the development of a custom tailored scaffold prototype for skin and ocular tissue growth.