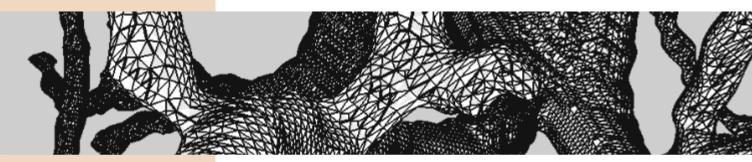Department of Surgery
and
Biomedical center,
Faculty of Medicine in Pilsen,
Charles University
invites you to

Computer modeling for research of liver perfusion

November 5, 2019
15:00-17:30

15:00   Welcome
Václav Liška, Charles University

15:05   **Finite Boolean Algebras for Solid Geometry using Julia's Sparse Arrays**
Alberto Paoluzzi, Roma Tre University, Italy

15:35   **On the Gap Between Solid Modelling and Physics-based Simulation**
Antonio DiCarlo, CECAM–IT–SIMUL Node, Italy

16:05   Coffee break

16:35   **Software Modeling for Liver Perfusion Research**
Miroslav Jiřík, Charles University, Pilsen

16:50   **Multiscale Approaches in Modelling Liver Perfusion**
Eduard Rohan, University of West Bohemia, Pilsen

room: SO 01.2.21
Biomedical Center
Faculty of Medicine Pilsen
Charles University
Alej Svobody 76
323 00 Pilsen

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