

**13:15 - 14:30 SPECIAL SESSION ON PHD STUDENT RESEARCH IN
BIOINSPIRED INFORMATICS AND APPLIED MATHEMATICS**

The session was organized by the Doctoral School of Applied Informatics and Applied Mathematics, Óbuda University, Budapest, Hungary

Organizer and Session Chair: László Horváth

- 13:15 Compensation Methods for Inhomogeneous Illumination in Whole Slide Imaging System**
Róbert Paulik, Lilla Élő*, Gabor Kiszler*, Miklós Kozlovsky**, Bela Molnar**
* 3DHISTECH Ltd. Hungary
** Óbuda University, Hungary
- 13:30 Automated TMA-Core-Detection Algorithm**
Lilla Elo, Robert Paulik*, Gabor Kiszler*, Tamas Micsik**, Tamas Szekely**, Huba Hajdu*, Miklos Kozlovsky***, Bela Molnar**
* 3DHISTECH Ltd. Hungary
** Semmelweis University, Budapest, Hungary
*** Óbuda University, Budapest, Hungary
- 13:45 Fuzzy Model for Early Warning Score System**
Abdallah Benhamida, Márta Takács, Miklos Kozlovsky, Hemza Redjimi, Melvin Ogbolu
Óbuda University, Budapest, Hungary
- 14:00 MedAR Medical Augmented Reality**
László Szűcs, Muluye Yared Yaregal, Miklós Kozlovsky
Óbuda University, Budapest, Hungary
- 14:15 Situation Awareness and System Trust Affecting Handover Processes in Self-Driving Cars up to Level 3 Autonomy**
Dániel András Drexler, Árpád Takács, Tamás Dániel Nagy, Péter Galambos, Imre J. Rudas and Tamás Haidegger
Óbuda University, Budapest, Hungary