



EXCELLENCE IN RESEARCH INTERNATIONAL ERC & BEJCZY DAY 2017



Paying tribute to Prof. Dr. Antal Bejczy physicist, chief researcher of the NASA Jet Propulsion Laboratory, affiliate professor of the Washington University in St. Louis, the outstanding character of international space research and robotics, **Óbuda University Antal Bejczy Center for Intelligent Robotics (IROB) pronounced 16th of January the IROB International Bejczy Day.**

Furthermore, we are celebrating the **10-year jubilee of the European Research Council's ERC Starting and Advanced Grant program**, and proudly joining the elite group of Starting Grant host institutes.

In memoriam of the birthday of the honorary professor of Óbuda University, and celebrating excellence in research, the EKIK organizes an international scientific day March 3 Friday, 2017 where renowned robotics and bimed engineering experts share their views and latest results. The annual Award Ceremony of the Antal Bejczy Student Publication Prize will also take place.

All guests are welcomed!

Prof. Dr. Imre Rudas
URIC president

Prof. Dr. József Tar
URIC director

Prof. Dr. Levente Kovács
ERC StG PI

www.uni-obuda.hu
irob.uni-obuda.hu



Program (tentative)

Pauli Hall (Bécsi út 96/b 1034 Budapest):

- 9:00 International ERC & Bejczy Day opening – Prof. Imre Rudas, chairman
- 9:05 The significance of ERC in European Research – Prof. Levente Kovács
- 9:10 Scientific excellence at Óbuda University – Prof. Mihály Réger, president of Óbuda University
- 9:15 Prof. László Palkovics, EMMI, Minister of State for Education
- 9:35 Prof. Domokos Szász, MTA vice-president
- 9:55 Prof. József Bokor, MTA SZTAKI: Cooperative systems and their control
- 10:15 Research results at the Antal Bejczy Center for Intelligent Robotics – Dr. Péter Galambos, BARK director
- 10:30 Tamed Cancer – Prof. Levente Kovács, ERC PI
- 10:45 *coffee break*
- 11:15 Award Ceremony of the Antal Bejczy Student Publication Prize – Prof. János Somló, head of the review committee
- 11:30 Prof. Gregory Fischer (Worcester Polytechnic Institute): Open surgical robotic research – a global network
- 12:00 Prof. Laurie Dickstein-Fischer (Salem State University): Social Robotics: robots all around us
- 13:00 *light lunch*
- 14:00 Dr. Johanna Sájevicsné Sápi (OU): Engineering methods for cancer treatment
- 14:20 Dr. Dávid Csercsik (OU): Mathematical models of tumor growth
- 14:40 Dr. Dániel András Drexler (OU): Control engineering challenges and results
- 15:00 Prof. Gurvinder Virk (CLAWAR): Challenges in emerging service robots
- 15:30 *coffee break*
- 16:00 Dr. Jan Veneman (Technalia): Rehabilitation robotics on the rise
- 16:30 Dr. Gernot Kronreif (ACMIT): Small is beautiful – a new robotic setup for neurosurgery
- 17:00 Prof. Peter Sincak (University of Kosice): Towards Cloud Based Social Robotics
- 17:30 *reception*

