

Date and Venue

Date: November 24-25, 2017

Venue: Óbuda University, Rooms F07, F08 and F09

Address: Bécsi út 96/b, H-1034 Budapest, Hungary

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Organizer

John von Neumann Computer Society Biomedical Section (NJSZT-OBSZ)

Óbuda University, Budapest, Hungary

Sponsors

IEEE Hungary Section

Scope

In 2017, John von Neumann Computer Society Biomedical Section and Óbuda University will be co-hosting the IEEE 30th Neumann Colloquium. The annual meeting point for Hungarian health informatics - with decades of experience - is looking forward to the introduction of research and development workshops from universities, research institutes, healthcare institutes and industrial partners. The exhibition area of the event will also provide opportunity for market participants to represent their work.

Topics

The IEEE 30th Jubilee Neumann Colloquium aims providing a state-of-the-art picture of all topics covered by the previous Colloquiums.

Topics include but not limited to:

- Medical data collection, measurement (electronic and mobile sensors, measuring devices)
- Health data transmission, telecommunication, telemedicine, health monitoring, mobile health systems
- Health data processing
 - structuring and classification
 - bio-medical statistics
 - other data processing (image processing, digital data processing, natural language processing, time series analysis etc.)
 - datamining
- Modelling and simulation
- Process analysis, process control and management, operational systems (HIS, EHR, lab systems, PACS, etc.), ePrescription, Central Health Systems (EESZT)
- Health economics
- Physiological and pathophysiological modelling and control
- Medical robotics
- Ontologies and standards

Submission of Papers

The official language of the conference is English. Authors should submit IEEE standard double-column paper with the minimum of 4 full pages, and maximum pages of 6 as full paper. The paper should be original and unpublished; it will be checked by IEEE plagiarism detection software. All paper must be presented either in oral session or in poster session. Presentations should be made in English (except some Hungarian sessions).

Authors' Schedule

First (full paper or abstract) submission: September 15, 2017

Notification: October 15, 2017

Final paper submission: October 30, 2017



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