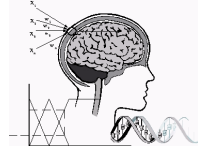




# International

*Innovation in Knowledge Based and Intelligent  
Engineering Systems*



## INVITED SESSION SUMMARY

**Title of Session:**

Knowledge-management and knowledge-based systems for configuration, self-assessment and training in medical home care

**Name, Title and Affiliation of Chair:**

Chair: **Ralf Seepold**

HTWG Konstanz (Germany) and Sechenov University (Russia), ralf@ieee.org

Co-Chair: **Margarita Stankova**

New Bulgarian University (Bulgaria), mstankova@nbu.bg

**Details of Session (including aim and scope):**

This session will show techniques, strategies and practices in knowledge management for home care and home automation systems linked to home care support.

The contributors will present recent advances on configuration, self-assessment and training for medical home care. This includes the systems, platforms and contents related to these domains.

The following topics are considered:

- Smart system composition
- Home automation systems and configuration of home automation systems
- eHealth systems and home care applications for data acquisition and decision support
- Training and educational support systems
- Role specific systems support for e.g. experts, patients, relatives
- Decision support systems for home care
- Online e-Health education
- Electronic e-Health Toolkit and Glossary
- Virtual eHealth Center
- Self-assessment tests and surveys with feedback and guidelines;
- Electronic e-Health Toolkit and Glossary
- Virtual eHealth Centers
- Educational videos, multimedia and presentations devoted to various topics related to working with people with disabilities;
- Practical exercises by introducing specialized software solutions for training students, specialists, patients and their relatives in the field of eHealth;
- Self-training course systems with feedback test, tables, graphs in eHealth;

**Important deadlines**

- Paper submission: 15 May 2020
- Notification of acceptance: 29 May 2020

Authors who submit and present their work will have their work published and indexed internationally by Elsevier's *Procedia Computer Science* (<http://www.journals.elsevier.com/procedia-computer-science/>).

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):**

**t.b.d.**

**Website URL of Call for Papers (if any):**

Conference: <http://kes2020.kesinternational.org>

Sessions: <http://kes2020.kesinternational.org/cmsISdisplay.php>

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