



MEDICAL
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...tell and listen to the stories that educate,
move, and inspire.



mefanet
2017

**11th international conference of Czech and Slovak faculties
of medicine and healthcare sciences
28-29 November 2017, Brno, Czech Republic**

www.mefanet.cz/conference

- ◀ Apart from general aspects of e-learning, the conference will also be focused on the impact of technology-enhanced learning on a specific field of medicine.
- 11th year of the MEFANET conference will include a topical session dedicated to:
Obstetrics and Gynaecology.



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28-29 November 2017, Brno, Czech Republic



VENUE

Hotel Continental Brno
Kounicova 6, 602 00 Brno, Czech Republic
GPS: 49°12'2.194"N /16°36'16.155"E

LANGUAGES

oral, poster: Czech, Slovak, English
proceedings: English

CONFERENCE REGISTRATION FEES

two-day fee for active and passive participants – academics: 990 CZK
one-day (the second day) fee for active and passive participants – academics: 490 CZK

CONFERENCE PARTNERS



WIDENING ACCESS TO VIRTUAL EDUCATIONAL SCENARIOS



RESEARCH
JOBS



PROGRAMME

Monday 27/11/2017

09:00-12:00 Closed meeting of the WAVES project working group + coffee break

12:00-13:00 Lunch

13:00-15:00 Closed meeting of the WAVES project working group

15:00-15:30 Coffee break

15:30-18:00 Closed meeting of the WAVES project working group



WIDENING ACCESS TO VIRTUAL EDUCATIONAL SCENARIOS

Tuesday 28/11/2017

08:00 Registration

09:00-12:00 Closed meeting of the WAVES project working group + coffee break

12:00-13:00 Lunch

13:00-15:00 Workshop:
Clinical practice guidelines - development, adaptation and evaluation

15:00-15:30 Coffee break

15:30-17:30 Workshop:
Integration of low-, mid- and high-fidelity simulations to maximise the pedagogical value of educational medical simulation centres

18:00 Open meeting of the MEFANET Coordinating Council

19:30 Reception

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more information on www.mefanet.cz/conference

PROGRAMME

Wednesday 29/11/2017

8:00 Registration

09:00-10:00 Posters: a guided tour

- Furyk O: **Implementation of training on virtual patients at Zaporozhye State Medical University**
- Majerník J: **Repository of clinical case reports**
- Majerník J: **Regions of thorax, abdomen and pelvis shared as new video records of cadaveric dissections**
- Oliberius J: **Pictogram tool of project GÜRD**
- Maskálová E: **Virtual patient in midwifery - care for woman with gestational diabetes mellitus**
- Mazúchová L: **Evaluation the feedback of e-learning in midwifery education**
- Kelčíková S: **Preparation of clinical practice mentoring in midwifery - implementation of innovative educational approaches**



Partner: [ResearchJobs](#)

10:00-10:30 Coffee break

10:30-12:00 Symposium: **Applicability analysis of European examples of good practice in the domain of active and healthy ageing**

Partner: [National Telemedicine Centre](#)



12:00-12:45 Keynote lecture:

Inga Hege: Learning clinical reasoning in virtual environments

Partner: [Institute of Biostatistics and Analyses](#)



12:45-13:45 Lunch

13:45-15:45 Topical session:

Technology-enhanced learning in Obstetrics and Gynaecology

Partner: [S&T](#)



15:45-16:00 Coffee break

16:00-16:45 Keynote lecture:

Sascha Benjamin Cohen: Divergent paths / convergent needs: Observations on a decade of educational technology in medical education and its relationship to developing models of pedagogy

Partner: [Facta Medica](#)



16:45-18:00 Short communications: **Medical informatics in education**

- Komenda M: **MEDCIN - platform for curriculum overview and comparison**
- Štěpánek L: **Shiny application providing guidance for the correct statistical test selecting and offering data-processing platform**
- Hnilicová S: **Simulation medicine as part of medical education at LFUK Bratislava**
- Komarc M: **Development of item bank and online application for computerized adaptive testing of high school physics knowledge in 1st year medical students**
- Kajzar P: **Wikis in education - approach is the key!**
- Schwarz D: **MERGER: unveiling links between systems for virtual patients delivery and curriculum mapping**



Partner: [HELAGO](#)

KEYNOTE SPEAKERS

Inga Hege

Institute for Medical Education at LMU Muenchen,
Germany & Geisel Medical School at Dartmouth,
Hanover, NH USA



Learning clinical reasoning in virtual environments

Clinical reasoning is a complex set of skills healthcare students have to acquire during their education. However, especially in virtual environments it is still not clear how clinical reasoning can be taught in an optimal way. We developed a research-based tool following a concept mapping approach that supports the clinical reasoning process. Four qualitative and quantitative studies revealed several interesting results. For example, the patient representation influences the clinical reasoning process in various aspects. We conclude that careful emphasis should be put on instructional design aspects, such as cognitive load, complexity, patient presentation, feedback, and adaptability to learners needs.

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KEYNOTE SPEAKERS

Sascha Benjamin Cohen

Enhanced Education unit, UCSF School of Medicine's
Technology, San Francisco, United States



Divergent paths / convergent needs: Observations on a decade of educational technology in medical education and its relationship to developing models of pedagogy

There have been many new trends introduced to medical education since the beginning of the 21st century: competency-based models, EPAs, mapping systems, asynchronous learning, integrated and accelerated progressions thru the curricula, interprofessional team-based curricula and more. Too often these have diverged from the process of developing the technologies that would allow for practical implementation of these models, leaving a wide rift in thinking between pedagogical aims, and the tools available to support those aims. This talk looks at impressions from a decade in the field, and proposes ways of thinking about a more convergent culture and means of moving forward.

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