

IMCL2021

*"New Realities, Mobile Systems and Applications"*

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Mediterranean Palace Hotel\*, Thessaloniki, 4-5 November 2021

*\* IMCL2021 is planned as a hybrid event (remote & onsite presentations will be supported)*

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## Special Session Call for Papers

### Smart Learning with MOOCs (SLMOOCs)

#### Overview

The landscape of education is reshaped by the development of Massive Open Online Courses (MOOCs) and Smart Learning Environments (SLEs). MOOCs are free courses that are delivered online to thousands of learners. Therefore, MOOCs have considerable potential to widen participation and collaboration in education. However, there are many issues with MOOCs like (a) low student engagement and eventually low completion rates; (b) lack of teacher feedback, one-on-one teaching and interaction; (c) very low social (student-student) interaction. Smart learning environments, on the other hand, provide opportunities for rich learning interactions by making use of digital, context-aware, and adaptive technologies. This special session puts forward the challenge of developing the "next generation" MOOCs by integrating smart and intelligent learning technologies in MOOCs environments that facilitate rich, challenging and productive learning experiences for all. Contributions are welcome that explore the technical, educational and social challenges relevant to providing more productive and engaging online learning environments by combining the MOOCs approach and smart learning design and tools.

#### Topics

Example topics, though not limited to this list, include:

- Learning Analytics in MOOCs
- MOOCs & Mobile Learning
- Pedagogical Agents in MOOCs
- Artificial intelligence services in MOOCs
- Social implications of MOOCs and Smart Learning
- Smart support of learning interactions in MOOCs
- Mobile learning science and educational research models based on MOOCs
- Learning theories to guide the design of MOOCs-based smart environments

#### Contribution Types

Papers for the Special Session should have between 8 and 10 pages.

All submissions will be peer-reviewed by at least two reviewers. Accepted papers will be included in the conference proceedings if at least one author pays the registration fee AND the paper is presented. The conference proceedings will be published as IMCL2021 Proceedings in the Springer series "[Advances in Intelligent Systems and Computing](#)".

For further questions, please contact the track chair(s).

#### Presentation Types

IMCL2021 is planned as a hybrid event, therefore remote & onsite presentations will be supported.

#### Important Dates

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|-------------|--|
| 10 Jul 2021 | Submission of complete papers for special sessions |
| 26 Jul 2021 | Notification of acceptance                         |

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06 Sep 2021 Camera-ready due & author registration deadline

04 Nov 2021 IMCL2021 Conference Opening

## Submission

Please visit: <https://www.conftool.org/imcl-conference> and submit your paper by selecting the respective special session.

## Program Committee

### Chair(s)

Stavros Demetriadis, Aristotle University of Thessaloniki, Greece ([sdemetri@csd.auth.gr](mailto:sdemetri@csd.auth.gr))

Anastasios Karakostas, Information Technologies Institute, Greece ([akarakos@iti.gr](mailto:akarakos@iti.gr))

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## Members

(TBA)