

3rd International Conference
on Learning in STEM

LEARNING ADVENTURES

Power(lessness) of Objects
in STEM Discovery

21–22 November 2019
Warsaw, Poland



When will robots start taking the place of human teachers? How can juggling affect pupils' cognitive abilities? What can be learned from the use of interactive exhibits? How can smart-phones help us better understand physics? What kinds of teaching aids are needed to deliver a successful lesson?

The 3rd International Learning Adventures Conference, with the theme *Power(lessness) of Objects in STEM Discovery*, will be held on 21–22 November 2019 at the Copernicus Science Centre in Warsaw, Poland. It will bring together outstanding scientists and practitioners and foster creative discussion about the role of material objects in the learning process.

The conference will be opened by:

- **Robert Firmhofer**, CEO of the Copernicus Science Centre
- **Dr. Margaret Honey**, CEO of the New York Hall of Science

Special guests:

- **Prof. Manu Kapur** from ETH Zurich, Switzerland, an expert in learning sciences, will talk about productive failure, i.e. the role of mistakes in learning and their impact on design,
- **Prof. Ricardo Nemirovsky**, a designer and author of pioneering research on the embodied nature of cognition and the role of artifacts in the process of learning, will give a lecture on the relationship between cognition and emotions,
- **Dr Estrid Sørensen**, professor of Cultural Psychology and the Anthropology of Knowledge at the Ruhr-University in Bochum, the author of the book *Materiality of Learning: Technology and Knowledge in Educational Practice*, will deliver a talk about the materiality of learning.

The Learning Adventures Conference is not only a platform for inspirational lectures and thought-provoking discussion, but also offers an excellent opportunity to network and learn about innovative educational solutions. The conference program features lectures by experts and interactive sessions, as well as BADNIGHT – an informal evening gathering at which scientists proudly talk about their most inspiring failures.

If you are:

- An R&D specialist in the field of education, play, games,
- A designer of educational robots, teaching kits or other teaching aids,
- A game or toy designer,
- A researcher, a scientist, an evaluator of exhibitions,
- A curator or designer of educational exhibitions,
- A teacher who creates their own teaching aids,

or simply someone interested in innovative research on learning processes, you cannot miss the Learning Adventures Conference. **Registration will remain open until 31 October or until all spaces are taken ([Registration form](#)).**

The official language of the conference is English. Participation in the conference is fee-based. The conference program is available [here](#). For more information, please visit adventures.kopernik.org.pl.

We will be pleased to see you at the Copernicus!

Organizers



Honorary patronage

