

Panel 2: New perspectives in engineering education



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Members of the panel



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Moderator: **Luis Gomes**, NOVA University Lisbon

Panel 2:

New perspectives in engineering education

This panel is planned to discuss **new challenges** on engineering education covering **new curricula requirements** and structure as well as on **lifelong training** to assist employees and entrepreneurs in keeping up with current technologies.

The discussions also address recent challenges and adopted strategies to **mitigate the impact of COVID-19 pandemic**, namely in terms of **support for experimentation**, which is of paramount importance within engineering courses curricula.

Some topics that we will visit during this panel.

Innovations in engineering education:

- The role of ICT and mobile devices in classes and labs

Impact of COVID19:

- Emergency adaptation **and** What will be kept after the pandemic

Support for experimentation:

- Physical experimentation **vs** Simulation
- Local lab **vs** Remote lab **vs** Pocket lab

Lifelong learning:

- Synergies between industry and academy

