EURESEARCH
Swiss guide to European research & innovation

Empa/ Dynamical processes group

Horizon 2020 ICT - Information and Networking Event
Neuchâtel, 07.02.2020

Flash Presentation

Who we are

- Empa in Thun - Laboratory for Advanced Materials Processing - Dynamical processes
  - Laser processing including Add. Man.
  - Tribology
  - Fracture mechanics
  - Predictive maintenance
  - In situ & real-time monitoring & control
  - More info at: https://www.researchgate.net/profile/Kilian_Wasmer

Experience (what you do)

- Expertises in
  - fundamental understanding the dynamical processes.
  - state-of-the-art sensors (AE, optical, etc…)
  - developing specific opto-acoustic sensors
  - developing specific AI algorithms for the dynamical processes
- Projects
  - MoCont (national – ETH domain)
  - Many Innosuisse projects.

Project Ideas (what you're looking for)

- Academics and industries that are interested to develop specific in situ & real-time process monitoring and control in the fields of
  - Laser processing including Add. Man.
  - Tribology
  - Fracture mechanics
  - Predictive maintenance

Contact details

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