



Dr Jan Van herle

Ecole Polytechnique Fédérale
de Lausanne (EPFL)

Inst. Mechanical Engineering

Group of Energy Materials (GEM)

19.01.1966, Antwerp (Belgium)

Swiss since 2004



- PhD on SOFC cathode materials, 1993, EPFL
- Postdoc on ceria synthesis, 1994-5, Tsukuba, Japan
- Scientific collaborator in Chemistry, from 1996, and in Mechanical Engineering from 2000, EPFL
- **GEM** unit head since 2001:
 - 23 completed PhD theses, 6 ongoing
 - 55 completed master theses, 4 ongoing
 - teaching 5 courses (13 credits) on fuel cells, engines, electrochemistry, thermodynamics, renewable energies, power plants
- Since 2015 based in 'Energypolis', Sion regional EPFL-campus (1h from Lausanne main campus)
 - Fully equipped lab for cell and stack diagnostics
 - 15 test rigs, 10 W to 1 kW
 - impurities
 - thermomechanical
 - segmented SRU for local insitu measurement
- 340 publications: from micro to macro, from interfaces to systems, from fundamentals to products