



## Round table session

# BIM education in Europe

## Some examples



# Outline

- Introduction and presentation of the panel (5')
- Presentations (75')
  - Peter Ireman, ESITC Caen, France « two examples from Scandinavia »
  - Jason Underwood, University of Salford, UK, « BIM in higher education in the UK »
  - Adam Glema, Polytechnika Poznanska, Poland, « BIM university education in Poland »
  - Angelo Ciribini, Università di Brescia, Italy, « state and evolution of BIM education in Europe »
  - Victor Roig, Universitat Politècnica de Catalunya, Spain, « the challenge to introduce Lean-BIM process on the curricula »
- Discussion (40')

# Some key points

- If and how teaching BIM is integrated into education programs in Civil and Architectural Engineering (integrated into existing discipline modules or development of specific BIM modules).
- How BIM is approached in Bachelor's level programs and Master's level programs
- If specific BIM programs are developed
- Examples of new and innovative teaching methods for teaching oddslot collaborative work
- Organization of national networking (academic networks and networks of both industry and academic partners)

# Peter Ireman, ESITC Caen, France



## Positions :

- Program Manager BIM education
- Program Manager International relations

## Teaching :

- Structural engineering
- Design project management

## Member of :

- French Governmental Research Programme MINnD (France)

# Jason Underwood, University of Salford, UK



## Positions :

- Full professor in ICT & BIM
- Program director of the MSc BIM
- Director of Postgraduate Research Admissions and Training
- Director of Construct IT For Business
- Chair of the UK BIM Academic Forum

## Teaching :

BIM Theory & Practice (MSc BIM & Integrated Design)  
Integrated BIM Projects (MSc BIM & Integrated Design)

## Member of :

- Education & Training Working Group to deliver the UK Government BIM strategy
- Behaviours4Collaboration Group
- Northwest Regional BIM Hub of the UK Government BIM Strategy
- Editor-in-Chief of the Journal of 3D Information Modelling (IJ3DIM)



# Adam Glema, Politechnika Poznanska, Poland



## Positions :

- Full professor in Structural Mechanics

## Teaching :

- Strength of materials
- Structural analysis
- Computational mechanics

## Member of :

- Observing member of BuildingSmart Nordic
- BIMKlaster Klaster



# Victor Roig, Universitat Politècnica de Catalunya, Spain



## Positions :

- Associate professor

## Teaching :

- Lean and BIM principles on construction (Department of Architecture and Construction)

## Member of :

- CEO of Bimetric
- Catalane Commission of Construm Futur

# Angelo Ciribini, Università di Brescia, Italy



## Positions :

- Full professor in Construction management
- Chairman of ISTEa
- Technical Director of BuildingSmart Italy

## Member of :

- Faculty of the ABCPhD at Politecnico di Milano (Italy)
- EU BIM Task Group (European Commission)
- French Governmental Research Programme MINnD (France)
- Digital Bauen Schweiz (Switzerland)
- BIM Cluster Rhein-Ruhr (Germany)
- ISO TC59/WG13 'Organization of information about construction works'