

Draft Workshop Programme

Monday, May 2nd 2022

Alte Schöfflerei, Monastery Benediktbeuern

9:30 **Registration**

10:00 **Plenary Session**

Welcome Speech, Introduction & Joint Session, Plenum

Impuls Talks

Ralf Kilian, Fraunhofer Institute for Building Physics IBP

Alexandra Troi, Eurac Research

Samuel Dubois, BBRI Belgian Building Research Institute

Mona Hess, Univerisity of Bamberg

Nelson Brito, Architect

Thomas Kirmayr, Fraunhofer Institute for Building Physics IBP

Florian Antretter, Fraunhofer Institute for Building Physics IBP

Discussion

11:45 **Coffee Break**

12:15 **Workshop**

Group 1 Scan to Geometry

1A Capturing - High Detail

Moderation:

Samuel Dubois, BBRI Belgian Building Research Institute

Mona Hess, Univerisity of Bamberg

1B Capturing - Low Detail

Moderation:

Nelson Brito, Architect

Gerhard Gresik, Coburg University of applied sciences and arts

Group 2 Geometry to Simulation

2A WUFI Plus – Preparation

Moderation:

Florian Antretter, Fraunhofer Institute for Building Physics IBP

Matthias Winkler, Fraunhofer Institute for Building Physics IBP

2B Energy Plus – Preparation

Moderation:

Alexandra Troi, Eurac Research

Daniel Herrera, Eurac Research

Group 3 Digital workflows in building conservation and refurbishment

Business Models - Present state of the art

Moderation:

[Christian Wetzel](#), CEO Voxelgrid GmbH

13:15 **Lunch**

14:30 **Workshop**

Group 1 Scan to Geometry

1A Capturing - Low Detail, Moderation: [Nelson Brito](#); [Gerhard Gresik](#)

1B Capturing - High Detail, Moderation: [Samuel Dubois](#); [Mona Hess](#)

Group 2 Geometry to Simulation

2A WUFI Plus – Preparation, Moderation: [Florian Antretter](#); [Matthias Winkler](#)

2B Energy Plus – Preparation, Moderation: [Alexandra Troi](#); [Daniel Herrera](#)

Group 3 Digital workflows in building conservation and refurbishment

Business Models; Present state of the art, Moderation: [Christian Wetzel](#)

15:30 **Coffee Break**

16:00 **Workshop**

Group 1 Scan to Geometry

1A Capturing - Low Detail, Moderation: [Nelson Brito](#); [Gerhard Gresik](#)

1B Capturing - High Detail, Moderation: [Samuel Dubois](#); [Mona Hess](#)

Group 2 Geometry to Simulation

2A WUFI Plus, Moderation: [Florian Antretter](#), [Matthias Winkler](#)

2B Energy Plus, Moderation: [Alexandra Troi](#); [Daniel Herrera](#)

Group 3 Digital workflows in building conservation and refurbishment

Business Models - Present state of the art, Moderation: [Christian Wetzel](#)

17:30 **End**

19:30 **Dinner / Hackathon**

Tuesday May 3rd 2022

Alte Schöfflerei, Monastery Benediktbeuern

9:00 **Workshop**

Group 1 Scan to Geometry

1C Processing - Photogrammetry, Moderation: [Samuel Dubois](#)

1D Processing - Laser Scanning, Moderation: [Maria Chizhova](#); [Mona Hess](#)

1E Processing - Simplified Methods, Moderation: [Nelson Brito](#)

Group 2 Geometry to Simulation

2A WUFI Plus, Moderation: [Florian Antretter](#); [Matthias Winkler](#)

2B Energy Plus, Moderation: [Alexandra Troi](#); [Daniel Herrera](#)

Group 3 Digital workflows in building conservation and refurbishment

Business Models - Present state of the art, Moderation: [Christian Wetzel](#)

10:30 **Coffee Break**

11:00 **Workshop**

Group 1 Scan to Geometry

1C Processing - Photogrammetry, Moderation: [Samuel Dubois](#)

1D Processing - Laser Scanning, Moderation: [Maria Chizhova](#); [Mona Hess](#)

1E Processing - Simplified Methods, Moderation: [Nelson Brito](#)

Group 2 Geometry to Simulation

2A WUFI Plus, Moderation: [Florian Antretter](#); [Matthias Winkler](#)

2B Energy Plus, Moderation: [Alexandra Troi](#); [Daniel Herrera](#)

Group 3 Digital workflows in building conservation and refurbishment

Business Models - Present state of the art, Moderation: [Christian Wetzel](#)

12:30 **Lunch**

13:30 **Workshop**

Group 1 Scan to Geometry

1C Processing - Photogrammetry, Moderation: [Samuel Dubois](#)

1D Processing - Laser Scanning, Moderation: [Maria Chizhova](#); [Mona Hess](#)

1E Processing - Simplified Methods, Moderation: [Nelson Brito](#)

Group 2 Geometry to Simulation

2A WUFI Plus, Moderation: [Florian Antretter](#); [Matthias Winkler](#)

2B Energy Plus, Moderation: [Alexandra Troi](#); [Daniel Herrera](#)

Group 3 Digital workflows in building conservation and refurbishment

Business Models - Present state of the art, Moderation: [Christian Wetzel](#)

14:00 **Wrap up**

Joint Session; Mutual Presentation - Participants Report

17:00 **End**

19:30 **Dinner** (optional)