Conference programme | day 1
November, 30 (2015, Monday)

08.30 | 09.00 -> Registration and overall information

09.00 | 09.30 -> OPENING SESSION

> Susana Milão (Head of the Architecture Department)
> Paolo Marcolin (Coordinator of the Master in Architecture)
> Sérgio Mendes (LIA/Laboratory for Research in Architecture Coordinator)
> Jorge Vieira Vaz (Scientific Committee member)
> Franklim Morais (Organizing Committee member)

09.30 | 11H30 -> SESSION 1 – CHAIR: Paolo Marcolin

> 09.30 | 10.10 -> GUEST SPEAKER: Sérgio MENDES
>
> > pr01. The revision of the Master Plan of the University of *Aveiro: a* heterogeneous planning management (40m)
>
> 10.10 | 10.30 -> Telmo CASTRO
>
> > pr02. From scribbling to risking (20m)
>
> 10.30 | 10.50 -> Mike MCKAY
>
> > pr03. Relative positioning (20m)
>
> 10.50 | 11.10 -> Debate (20m)

11.10 | 11.30 -> Coffee break (20m)

11.30 | 13.10 -> SESSION 2 – CHAIR: Susana Milão

> 11.30 | 12.10 -> GUEST SPEAKER: Cristina RIBEIRO
>
> > pr04. Ontologies: technologies for domain modelling, knowledge re-purposing and knowledge sharing (40m)
>
> 12.10 | 12.30 -> Frederico SILVEIRA
>
> > pr05. Menarch, ontologies in Architecture: a study on Architecture social function (20m)
>
> 12.30 | 12.50 -> Catarina RUIVO
>
> > pr06. Consequences of architectural form on social interaction: function as a basis for housing studies through expanded Space Syntax (20m)
>
> 12.50 | 13.10 -> Debate (20m)

13.10 | 15.00 -> Lunch

formal methods in architecture
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15.00 | 16.00 -> MASTER CLASS – KEYNOTE SPEAKER: **Tasos VAROUDIS**

pr07. Beyond the visual field: advances in thinking about and analysing space (60m)

16.00 | 16.30 -> Debate (30m)

16.30 | 16.50 -> Coffee break (20m)

16.50 | 18.30 -> SESSION 3 – CHAIR: Joaquim Flores

16.50 | 17.30 -> GUEST SPEAKER: Miguel SERRA

pr08. Metropolitan spatial anatomies: decoding the morphological structure of the city-region (40m)

17.30 | 17.50 -> Antón CASTRO, David Leite VIANA & Jorge VIEIRA VAZ

pr09. BIM ontologies (20m)

17.50 | 18.10 -> Johan van der ZWART & Tor Åsmund EVJEN

pr10. Data driven simulation model for hospital architecture: modelling and simulating clinical process, architectural layout and patient logistics in a hospital's Building Information Model shape (20m)

18.10 | 18.30 -> Debate (30m)

18.30 | 19.30 -> *DepthSpace3D* technical presentation – SOFTWARE DEVELOPER: **Franklim MORAIS**

19.30 -> **Red Port wine**

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Conference programme | day 2
December, 01 (2015, Tuesday)

09.30 | 11H30 -> SESSION 4 – CHAIR: Joaquim Flores

09.30 | 10.10 -> GUEST SPEAKER: João V. LOPES

pr11. A data mining based methodology for the multidimensional study of public open spaces (40m)

10.10 | 10.30 -> Luís ANTUNES

pr12. Digital tiles (20m)

10.30 | 10.50 -> Teresa LEITE

pr13. Typological transformations in a same shape (20m)

10.50 | 11.10 -> Debate (20m)

11.10 | 11.30 -> Coffee break (20m)

11.30 | 13.10 -> SESSION 5 – CHAIR: Jorge Vieira Vaz

11.30 | 12.10 -> GUEST SPEAKER: David Leite VIANA & Isabel CARVALHO

pr14. A new pedestrian bridge between Vila Nova de Cerveira and Goiàn (40m)

12.10 | 12.30 -> Raquel MARTINS & Alexandra PAIO

pr15. The social aspect of digital fabrication (20m)

12.30 | 12.50 -> Filipe BRANDÃO

pr16. Cork Re-Wall (20m)

12.50 | 13.10 -> Debate (20m)

13.10 | 15.00 -> Lunch

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15.00 | 16.00 -> *DepthSpace3D* **scientific presentation** – SPEAKER: **Franklim MORAIS**

pr17. DepthSpace3D: a new digital tool for 3D Space Syntax analysis (60m)

15.50 | 16.30 -> Debate (30m)

16.30 | 16.50 -> Coffee break (20m)

16.50 | 18.30 -> SESSION 6 – CHAIR: Sérgio Mendes

16.50 | 17.30 -> GUEST SPEAKER: José Nuno BEIRÃO

pr18. Semantic structure of formal domains and methods for the development of generic grammars (40m)

17.30 | 17.50 -> Guillermo VARELA

pr19. From patterns to parameters (20m)

17.50 | 18.10 -> Krishnendra SHEKHAWAT & José P. DUARTE

pr20. A compositional schema for the automated generation of best connected rectangular floor plans (20m)

18.10 | 18.30 -> Debate (20m)

18.30 -> **White Port wine**

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Conference programme | day 3
December, 02 (2015, Wednesday)

09.30 | 11H30 -> SESSION 7 – CHAIR: Franklim Morais

09.30 | 10.10 -> GUEST SPEAKER: Vítor OLIVEIRA

pr21. An integrated approach to urban form (40m)

10.10 | 10.30 -> David Patiño ÁLVAREZ

pr22. Industrial heartbeat of *O Poriño* (20m)

10.30 | 10.50 -> Carolina COELHO

pr23. A gathered methodology: towards enhancing adaptable learning spaces (20m)

10.50 | 11.10 -> Debate (20m)

11.10 | 11.30 -> Coffee break (20m)

11.30 | 13.10 -> SESSION 8 – CHAIR: Jorge Vieira Vaz

11.30 | 12.10 -> GUEST SPEAKER: Daniel MOREIRA & Luís RIBEIRO DA SILVA

pr24. Temporal structure in music and architecture: a comparative analysis (40m)

12.10 | 12.30 -> Tiago GOMES

pr25. Graphic user environment for agent based modelling and simulation (20m)

12.30 | 12.50 -> Antón TEJADA

pr26. *Casa da Música'* (non)place: between global and local (20m)

12.50 | 13.10 -> Debate (20m)

13.10 | 14.30 -> Lunch

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14.30 | 16.30 -> MASTER CLASS – KEYNOTE SPEAKER: **José P. DUARTE**

pr27. Inserting new technologies in architectural curricula: from research to practice, and to teaching (120m)

16.30 | 17.00 -> Debate (30m)

17.00 | 17.20 -> Coffee break (20m)

17.20 | 19.00 -> SESSION 9 – CHAIR: David Leite Viana

17.20 | 18.00 -> GUEST SPEAKER: Alexandra PAIO

pr28. Digital processes for collaborative answers in Architecture (40m)

18.00 | 18.20 -> Pedro CAMPOS COSTA & Katarzyna AUGUSTYNIAK

pr29. Innovation and tradition: crafts in digital age (20m)

18.20 | 18.40 -> Cristina NAN

pr30. New territories of CAM: Machinecraft (20m)

18.40 | 19.00 -> Debate (20m)

19.00 |19.30 -> CLOSING SESSION

David Leite Viana
Franklim Morais
Jorge Vieira Vaz

19H30 | 20.30 -> UNPREDICTABLE SYSTEM – Hugo Paquete
'Processing' fine arts and concert happening

20.30 -> Symposium formal dinner (under previous registration and payment confirmation)

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