



7th SIMBIO-M Conference

24th – 25th
September 2024
Huntingdon,
Cambridgeshire,
UK.
Cellbond HQ

SIMBIO-M introduces new technologies, tools, and advances in simulations in biosciences and multiphysics, in the fields of:

- BioMechanics,
- BioMaterials,
- BioMedicine.

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1st August 2024

We are pleased to announce the 7th edition of the SIMBIO-M conference, organised on by Coventry University, Université Gustave Eiffel, the University of Hull and Hexagon.

SIMBIO-M 2024 is endorsed by the European Society of Biomechanics (ESB).



The objective of this conference is to share and explore findings in numerical analysis techniques and mathematical modelling tools, allowing for computer-based investigations, resulting in predictive or exploratory work in the various fields of biosciences. As usual, our focus is on research and in particular introduction of young researchers into the application world.

SIMBIO-M 2024 provisional agenda will focus on:

1. **Technology and Innovations** (materials, additive manufacturing, synthetic and biological materials, motion capture/ computer vision),
2. **Transport Applications** (Injury mechanisms and criteria assessment, Human Virtual Assessment, Forensic analysis, accident reconstruction, Connected autonomous vehicle, HMI, Safety),
3. **Industrial applications** (Optimisation techniques, Sports applications, Comfort and Ergonomics, Virtual testing and validation),
4. **Healthcare Applications** (Surgery planning, Imaging and AI, Prosthetics, Orthotics, Biomedical devices).

Registrations fees includes coffee breaks, lunch and the gala dinner)	
Industry	500 €
Researchers/ Universities/ Presenters	350 €
Students	150 € (Gala dinner not included)
Gala Dinner additional guest	70 €

- 20% discount for ESB members (please mention at registration)
- 10% discount for early registration

As part of the SIMBIO-M 2024, a tour of the Cellbond crash test barrier manufacturing sites, crash test dummy manufacturing and testing areas will be provided.