

HANAMI HIGH-LEVEL SYMPOSIUM

2ND EDITION

AGENDA

December 8, Monday

Arrival at Chamonix

7:30 PM

Networking Dinner

December 9, Tuesday

8:30 AM

Welcome Coffee

9:00 AM | Plenary Session

Welcome and Opening | Dr. France Boillod-Cerneux

BIOMEDICAL SESSION

9:10 AM

Introduction of the Biomedical Session | Berk Hess & Oleksandr Krochak

9:20 AM

HANAMI Bright Minds on Biomedical Session | **Andrea Schillaci**

9:35 AM

Binding pathways and conformational changes in protein-protein interactions revealed by massive molecular dynamics simulations | **Dr. Ai Shinobu**

10:20 AM

Synergizing CFD and Machine Learning: From Personalized Surgery to Smart Cities | **Dr. Mario Rüttgers**

End of the Biomedical Session

11:05 AM

Coffee Break

CLIMATE SESSION

11:30 AM

Introduction of the Climate Session | **Joachim Biercamp and Mario Acosta**

11:40 AM

HANAMI Bright Minds on Climate Session | **Marta Alerany**

11:55 AM

International Coordination of Climate Modelling in the World Climate Research Programme | **Dr. Helene Hewitt**

12:40 AM

Group Photo

01:00 PM

Lunch

02:00 PM

Redesign of the Next-Generation Dynamical Core Toward the Era of AI and Quantum Computing | **Professor Hirofumi Tomita**

End of the Climate Session

02:45 PM

Advanced HPC-AI Research and Development Support Center | **Taisuke Boku**

MATERIALS SCIENCE SESSION

03:00 PM

Introduction of the Materials Science | **Daniele Varsano and Edoardo Di Napoli**

03:10 PM

HANAMI Bright Minds on Materials Session | Quasiparticle and Excitonic Properties of Lead-Free 2D (DAN)SnI₄ Perovskite via YAMBO | **Costanza Borghesi**

03:25 PM

Development of first-principles computations for extreme light-matter interactions | **Professor Kazuhiro Yabana**

03:40 PM

Electronic properties of condensed matter systems in materials science: scaling down many-body perturbation theories | **Dr. Xavier Blasé**

End of the Materials Science Session

04:00 PM

Conclusion and Close of the Plenary Session | **Dr. France Boillod-Cerneux**

05:00 PM

HANAMI Steering Board Meeting

07:30 PM

Networking Dinner

December 10, Wednesday

09:00 AM

Climate and Weather Modelling Session (details [here](#))

Biomedical Session (details [here](#))

Materials Science Session (details [here](#))

01:00 PM

Lunch

02:30 PM

Climate and Weather Modelling Session (details [here](#))

Biomedical Session (details [here](#))

Materials Science Session (details [here](#))

07:30 PM

Networking Dinner at "Le Carroussel" Restaurant

December 11, Thursday

09:00 AM

Climate and Weather Modelling Session (details [here](#))

Biomedical Session (details [here](#))

Materials Science Session (details [here](#))

Plenary Session – Conclusion and Close

12:00 PM

Lunch

02:00 PM

Departure