

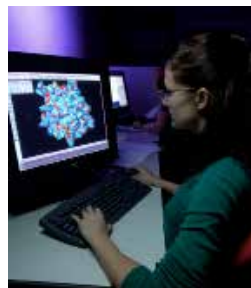
Organizing Committee

Annabelle Varot
Anne Imberty
Romain Vivès
Serge Pérez




Speakers

Annabelle Varrot (Cermav, Grenoble, FR)
Anne Imberty (Cermav, Grenoble, FR)
Caroline Mas (IBS, Grenoble, FR)
Elisa Fadda (Maynooth University, IE)
Frederique Lisacek (Université Genève, CH)
Jean-Baptiste Reiser (IBS, Grenoble, FR)
Jesus Angulo (Universidad de Sevilla, ES)
Lucas Gadjos (ILL, Grenoble, FR)
Raoul de Groot (Utrecht University, NL)
Rebekka Wild (IBS, Grenoble, FR)
Romain Vivès (IBS, Grenoble, FR)
Serge Perez (Cermav, Grenoble, FR)
Yann Lacaze (ESRF, Grenoble, FR)




Cermav

601 Rue de la Chimie
386100 Gières

 B or C : «Bibliothèques universitaires» stop

IBS Institut de Biologie Structurale


71 Avenue des Martyrs
38000 Grenoble

 B : «Grenoble, oxford» stop

Get together on June, 17th

17.45 · Restaurant de planches à
composer

14 bis Av. Alsace Lorraine, 38000
Grenoble

 A or B : «Alsace Lorraine» stop

*NB : be sure to validate tickets before boarding
the tram*

Web :

<https://glycoalps.univ-grenoble-alpes.fr/>



Structural Glycoscience Summer School

16-18 June,

2025 Grenoble



Monday 16 June at IBS

- 8:30 - 9:00 **General welcome and presentation of IBS**
- 9:00 - 9:40 **Serge Perez** From monosaccharide to polysaccharides, from structures to database 3D - Serge Perez
- 9:40 - 10:25 **Annabelle Varrot**
Application of protein X-ray crystallography to molecular glycochemistry
- 10:25 - 10:45 **Coffee Break**
- 10:45 - 11:30 **Rebekka Wild** Introduction to single particle electron microscopy
- 11:30 - 12:15 **Jean-Baptiste Reiser**
Protein-sugar interaction : Surface Plasmon Resonance
- 12:15 - 13:30 **Lunch Buffet**
- 13:30 - 14:00 **Yannick Lacaze**
Presentation ESRF, IBS
- 14:00 - 15:30 **Visit beamlines ESRF**
- Coffee Break**
- 15:30 - 16:00 **Caroline Mas**
Solution studies : Analytical ultracentrifugation, SAXS, SANS, MALS
- 16:00 - 17:15 **Romain Vivès**
Application in Gagology
- 17:45 - 20:00 **Poster session + wine & cheese**

Tuesday 17 June at Cermav

- 8:30 - 8:40 **Presentation of cermav**
- 8:40 - 9:25 **Anne Imberty**
Protein-sugar interaction : Isothermal Titration Calorimetry
- 9:25 - 10:10 **Elisa Fadda**
Docking and Molecular modelling
- 10:10 - 10:30 **Coffee Break**
- 10:30 - 11:15 **Frederique Lisacek**
Glycobioinformatics & Databases
- 11:15 - 12:00 **Lukas Gajdos**
Application of neutron diffraction to glycoscience
- 12:00 - 13:15 **Lunch Buffet**
- 13:15 - 14:00 **Jesus Angulo**
NMR of oligosaccharide and protein oligosaccharide complex
- 14:00 - 15:30 **ITC Group 1 / Modelling Group 2**
- 15:30 - 16:00 **Coffee Break**
- 16:00 - 17:30 **Modelling Group 1 / ITC Group 2**
- 19:00 **Get together / bar in Grenoble**

Wednesday 18 June at IBS

- 9:00-9:45 **Raoul de Groot**
The glycobiology of common cold human coronaviruses
- 9:45-10:15 **Coffee Break**
- 10:15-11:00 **Demonstration IBS**
Group 1 a: NMR Group 1b SPR-BLI
Group2 a:CryoEM 2b Biophysical charac
- 11:00-11:45 **Demonstration IBS**
Group1 a: SPR/BLI Group 1b NMR
Group2 a Biophysical charac 2b CryoEM
- 11:45-12:00 **Diplomas, Conclusions**