



Program

13:30-13:40 "Introduction and Scope of the Meeting" Daniela Santucci, Istituto Superiore di Sanità, Italy.

13:40 13:50: "The Antarctic Station of Concordia" Jerome Chappellaz, French Polar Institute Paul-Emile Victor, France.

13:50-14:35: Astronomy and Astrophysics, Chairs Tristan Guillot, Université Côte d'Azur, France and Massimo Gervasi, Università Milano Bicocca, Italy.

- "Frontiers of Antarctic Astronomy: from the Sun to the Early Universe" by Tony Travoignon, Australian National University, Australia and Phil Mauskopf, Arizona State University, USA.

Q&A, and Chairs to report on the Survey on Research Perspectives at Concordia , and on coming actions.

14:35-15:20-Glaciology and Paleoclimate, chair Carlo Barbante, Istituto di Scienze Polari, CNR, Italy, and Catherine Ritz, CNRS, Univ. Grenoble Alpes, Institut des Géosciences de l'Environnement, France.

- Past, Present and Future of Glaciology and Paleoclimate research at Dome C, Massimo Frezzotti, Dipartimento di Scienze, Sezione di Scienze Geologiche, Università degli Studi "Roma Tre"

Q&A, and Chairs to report on the Survey on Research Perspectives at Concordia , and on coming actions.

15:20-16:05 – Geophysics, Chairs Laura Crispini, Università di Genova, Italy, and Dimitri Zigone, Ecole et Observatoire des Sciences de la Terre, Institut de Physique du Globe de Strasbourg, France.

- "Frontiers in Antarctic geophysics: from the ice sheet surface through the crust" .(25 min.)) Fausto Ferraccioli, British Antarctic Survey (BAS), Cambridge, UK, and Olaf Eisen, Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar und Meeresforschung, Germany.
- Q&A, and Chairs to report on the Survey on Research Perspectives at Concordia , and on coming actions.



**Concordia Scientific
Prospective
16 nov. 2020**

16:05-16:15: Break

16:15-17:00 - Chemistry and Physics of the Atmosphere, Chair Vito Vitale Istituto di Scienze Polari, CNR, Italy, and Joel Savarino, Université de Grenoble Alpes, CNRS, IRD, France.

- "Perspectives and challenges of atmospheric sciences in Concordia for the next 5-10 years", Aki Virkkula, Finnish Meteorological Institute, Finland.

Q&A, and Chairs to report on the Survey on Research Perspectives at Concordia , and on coming actions.

17:00-17:45 - Biology and Medicine, Chairs Paul Robach, Ecole Nationale des Sports de Montagne, site de l'Ecole Nationale de Ski et d'Alpinisme, France and Daniela Billi, Dipartimento di Biologia, Università di Roma Tor Vergata, Italy.

- "Immune and Stress research in polar environments for the benefit of all – what have we learned and what do we need to understand next?", Alexander Chouker, University Hospital, Ludwig-Maximilians-University, Germany.

Q&A, and Chairs to report on the Survey on Research Perspectives at Concordia and on coming actions.

17:45-18:05 - 'Concordia from an European Perspective' (recorded speech) Nicole Biebow, Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung, Germany

18:05-18:20 Closing section and Outlooks, Francesco Cairo, Istituto di Scienze dell'Atmosfera e del Clima, Cnr, Italy.