The Delivery of Water to **Proto-planets, Planets and Satellites**

Workshop 11 – 15 January 2016

The presence of water at the surface of a planetary body is well known to be one of the key conditions for its habitability. But how does that condition come to be fulfilled as a result of the formation and evolution of protoplanets, planets and satellites? How frequent is the presence of water on these bodies, since it happened on Earth and, for instance, for Jupiter's satellite Europa in our solar system? The workshop will attempt to clarify the processes by which water was delivered to planetary bodies in solar and exoplanetary systems, during their formation and evolution.

Conveners

Yann Alibert, University of Bern, Switzerland Michel Blanc, ISSI, Switzerland and IRAP, France Lindy Elkins-Tanton, Arizona State University, Tempe, AZ, USA Paul Estrada, SETI and NASA/Ames Research Center, Moffett Field, CA, USA Keiko Hamano, the University of Tokyo, Tokyo, Japan Helmut Lammer, Space Research Institute, Graz, Austria Alessandro Morbidelli, Observatoire de la Cote d'Azur, Nice, France Sean Raymond, Lab. d'Astrophysique de Bordeaux, Bordeaux, France Maria Schoenbaechler, ETH, Zurich, Switzerland Veerle Sterken, ISSI, Bern, Switzerland

International Space Science Institute ISSI | Hallerstrasse 6 | 3012 Bern | Switzerland | Tel +41 31 631 48 96 | Fax +41 31 631 48 97 | www.issibern.ch

SPACE