

Frascati, Italy

10-14 Nov. 08

Cosmic Cataclysms and Life

A number of cataclysms have occurred in the history of the universe and the Solar System. The Symposium will review those that had a critical influence on the evolution of habitable worlds and on the emergence and survival of life on Earth, and possibly elsewhere.

Sessions:

Cosmic Cataclysms: the biological overview
Big Bang and Nucleosynthesis
Star Formation and Synthesis of Molecules
Planetary formation and the role of collisions
L.H.B, the Moon-Earth System and the Emergence of Life on Earth
The Role of Impacts on Life
Emergence and habitats of life in the Universe
Hazards from the Sun, Stars and the universe and resilience
Cosmic habitability, prevalence of Earth-like planets, the fate of the Earth

Scientific organizing committee:

J.-C. Augereau (Grenoble), W. Benz (Bern), A. Chicarro (ESA),
C. Cockell (Open Univ.), B. Foing (ESA), L. Kaltenegger (CfA),
H. Lammer (Graz), R. Liseau (Onsala), H. Opgenoorth (ESA),
G. Wüchterl (Tautenburg), F. Westall (Orléans)

Local Organizing Committee:

N. André, C. Bingham,
B. Foing, M. Fridlund, O. Witasse
Research and Scientific Support Department,
European Space Agency

Cosmic cataclysms and Life
ESLAB 08

Website: www.congrex.nl/08c16

Abstract submission deadline: **July 17th**