



FASF 2015: The Rosetta space mission on Comet 67P/GC

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As part of the **French-American Science Festival 2015** in Chicago, **Pr. Bernard Marty** (Ecole Nationale supérieure de Géologie) will give a free public lecture to present the **Rosetta Space mission**, what makes that adventure possible, why this is so important for science and what are the consequences on our understanding of the universe.

- **When:** April 28, 2015, 6:30pm
- **Where:** Alliance Française de Chicago (810 N Dearborn St, Chicago, IL 60610)
- **Registration**
- **Lecture in English**
- More information about the **French-American Science Festival** at <http://sciencefest.france-science.org/>

About the presentation

Comets are mysterious objects consisting largely of ice, that were born in the outer solar system. The Rosetta mission of the European Space Agency, in collaboration with NASA, is studying for the first time in detail the properties and composition of Comet 67P / Churyumov-Gerasimenko. The spacecraft and its lander Philae mission explore a strange world never uncovered before, whose properties provide information about the birth of the solar system and the origin of the Earth's atmosphere and oceans.

Come to this broad audience conference to discover the Rosetta journey, what did make that adventure possible, why is this so important for science and what are the consequences on our understanding of the universe.

Free public lecture, in English, followed by Q&A with the audience and a wine and cheese reception. Exclusive occasion to attend a lecture with such talented French scientists!



About the speaker



Bernard Marty is a Professor of geochemistry at the **Ecole Nationale Supérieure de Géologie, Université de Lorraine**, and researcher at the **Centre de Recherches Pétrographiques et Géochimiques (CRPG, UMR 7358 CNRS-UL)**, Nancy, France. Bernard gained a PhD in physics at the **University of**

Toulouse, and a Doctorat d'Etat in geochemistry at [Université Pierre and Marie Curie](#), Paris. He was research fellow at the University of Tokyo, Japan, and then entered the [CNRS](#) as a research assistant in Paris, before moving as a professor to Nancy. He is Fellow of the American Geophysical Union and of the European Association of Geochemistry.

Bernard Marty's interests include processes of planet formation, the origin of terrestrial water, the geodynamical cycle of carbon, and the evolution of the atmosphere from the Earth's formation to Present. Bernard is involved in space missions such as Stardust (return to Earth of cometary grains), Genesis (analysis of the isotope composition of the solar wind), Rosetta (in situ analysis of cometary volatiles), and others.