

2st INTERNATIONAL
RADIOCARBON
CONFERENCE
2012 Paris, France

July 9 - 13, 2012 **UNESCO, PARIS**

Call for abstracts

November 9, 2011 - February 1, 2012

In cooperation with:



United Nations
Educational, Scientific and
Cultural Organization

INFORMATION - SUBMISSION - PARTICIPATION **www.radiocarbon2012.com**



^{14}C Tracer of earth system processes and human evolution

The **21st International Radiocarbon Conference** is organized by the French Radiocarbon community in cooperation with UNESCO. It will be hosted at **UNESCO** Headquarters in Paris, France, from **9 to 13 July 2012**. The interdisciplinary nature of UNESCO provides an ideal platform for this international Conference, cutting across numerous scientific disciplines as well as cultural aspects.

The Radiocarbon conferences are recurrent events organized every 3 years. They are designed by and for the international scientific community of Radiocarbon users. It is a worldwide forum to discuss and exchange recent developments, new ideas and challenges on the merging research fields of Radiocarbon. After long being used as a “chronometer” only, **^{14}C** now appears as a powerful tracer of life and earth system processes. For this reason, besides the traditional sessions of **^{14}C** such as calibration, archaeology and palaeoenvironmental studies, the **21st International Radiocarbon Conference** opens up to a broader range of scientific disciplines that make use of **^{14}C** as tracer of fluxes and processes, such as hydrology, ocean sciences, medicine, ecology as well as other unusual applications (forensic, certification,...). A special focus will be given to the efforts linking observations and models to produce accurate predictions across multiple spatial and time scales.

Radiocarbon 2012 will offer a comprehensive and original scientific programme which will combine plenary and parallel sessions, poster presentations, workshops and a number of side events. Worldwide experts are invited to contribute to the elaboration of this programme by submitting abstracts pertinent to the themes and topics of the Conference. High-level speakers from different disciplines will set the scene, provide updates on latest developments and address burning issues.

In addition to this full scientific immersion in the Radiocarbon world, the city of Paris will provide a delightful surrounding to spend time with old friends, make new ones.

PROGRAMME

PROGRAMME OUTLINE



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The scientific programme will be developed in plenary / parallel sessions, poster presentations, workshops and a number of side events. Among the topics up for discussion there are: technical advances in measurements technique, applications in radiocarbon dating, archaeology, geology, hydrology, past and modern environmental sciences, ocean sciences, carbon cycle understanding, biomedical sciences and forensic. The Scientific Committee warmly invites worldwide experts to contribute to the programme by sending their abstracts on the following themes:

- **Calibration**
- **Advances in physical measurement technologies**
- **Advances in radiocarbon pretreatment protocols**
- **Specific compounds: towards new applications**
- **Statistical tools**
- **Variations in radiocarbon reservoir effects**
- **Radiocarbon dating and the Palaeolithic**
- **Archeology - Eurasia and Africa**
- **Radiocarbon and Archaeology of the Americas and Oceania**
- **Oceanic palaeoclimatology and palaeoceanography**
- **Continental palaeoclimatology and palaeohydrology**
- **Insights into the ocean carbon cycle from radiocarbon measurements**
- **Radiocarbon as a tracer of sources, fluxes and time in continental water**
- **Continental carbon cycle**
- **Atmospheric carbon cycle**
- **Anthropogenic impacts**
- **^{14}C tracer of life**
- **Cosmogenic nuclides**
- **Unusual Applications of ^{14}C Measurement**
- **^{14}C and modelling**

The call for abstracts is open until February 1st, 2012.

SUBMISSIONS ON www.radiocarbon2012.com

SCHEDULE AT A GLANCE

	July 9	July 10	July 11	July 12	July 13
Morning	Registration				
	Plenary session	Plenary session	Plenary session	Plenary session	Plenary session
	Posters	Parallel sessions	Posters	Workshops	Parallel sessions
Lunch	Posters	Posters		Posters	Posters
Afternoon	Parallel sessions	Parallel sessions	Excursion	Parallel sessions	Parallel sessions
	Posters	Posters		Posters	Conclusions
	Keynote	Keynote		Keynote	Meetings
Evening	Welcome cocktail		Gala dinner		

COMMITTEES

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- M. Massault
- C. Moreau
- C. Oberlin
- N. Tisnérat-Laborde
- H. Treidel
- A. Zazzo

Advisory Committee

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- J.-C. Lefèvre
- M. Menu
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- P. Richardin
- J.-F. Saliège
- H. Valladas

Scientific Committee

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PRACTICAL INFORMATION

Accommodation

A wide choice of accommodation ranging from international hotel chains to boutique hotels and even small budget solutions is available in Paris. You are strongly advised to book your accommodation right in advance as the Conference takes place during the tourist peak season.

Exhibition and partnership

For information about sponsorship opportunities, please contact: Jessica Isse
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