

**Paleofire Workshop
University of Venice**

**All workshop meetings will be held in the main palazzo of the university
Ca'Foscari Dorsoduro 3246 - 30123 Venezia
Aula Baratto**

Thursday, June 21 2012

Afternoon session: Overview of proxies and models

Introductory talks (30 minutes + 10 minutes questions)

- 2:00 pm Introduction to workshop: Carlo Barbante
- 2:10 pm What's new in fire-history research: Cathy Whitlock
- 2:50 pm The Global Palaeofire Database: Jennifer Marlon
- 3:30 pm Fire in the Carbon Cycle (Guido Van der Werf)
- 4:10 pm Coffee Break
- 4:40 pm Overview of ice cores: Natalie Kehrwald
- 5:20 pm Fire models: Kirsten Thomicke
- 6:00 pm Existing collaboration between groups and explanation of Friday's breakout sessions: Carlo Barbante
- 6:15 pm Walking tour of Venice (optional)
- 7:00 pm + No formally organized dining

Friday, June 22 2012

Morning session: Status of existing data

- 9:00 am Meet in the main room and then move into break-out session groups based on current research

Ice cores (Lead by Jerome Chappellaz)
Charcoal and sediments (Lead by Boris Vanniere)
Models (Lead by Victor Brovkin)

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- Discuss strengths and weaknesses of existing data and implications of these strengths and weaknesses
- Determine any upcoming plans to address weaknesses
- Determine what information would be the most helpful to obtain from other groups.
- Discuss what data you are willing to share with other groups

11:00 am Coffee Break

Overview of existing state of the data (20 minutes + 10 minutes questions)

11:30 pm Presentation of ice core break-out group points: Carlo Barbante

12:00 pm Presentation of charcoal and sediment break-out group points: Scott Mooney

12:30 pm Presentation of model break-out group points: Victor Brovkin

1:00 pm Catered lunch at Ca'Foscari

Afternoon session: How can we best present data to each other?

2:00 pm Meet in the main room and then move into break-out session groups based on collaboration interests

Interactions between ice cores and charcoal records: (Lead by Ninglian Wang and Mitch Power)

Interactions between ice cores and models: (Lead by Tim Brücher and Joe McConnell)

Interactions between charcoal records and models: (Led by Anne-Laure Danau and Kirsten Thonicke)

- What have been the major advancements in this area of interdisciplinary fire science?
- What important research questions remain?
- What interdisciplinary research directions should be given highest priority to advance fire science?

4:00 pm Coffee Break

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Overview of data interactions (20 minutes + 10 minutes questions)

- 4:30 pm Presentation of ice core and charcoal break-out group discussion (Boris Vanniere and Margit Schwikowski)
- 5:00 pm Presentation of ice core and models break-out group discussion (Simon Schupbach and Silvia Kloster)
- 5:30 pm Presentation of charcoal and models break-out group discussion (Daniele Colombaroli and Jochen Schmitt)
- 6:00-7:30 pm Free time to look around Venice, have drinks, continue talking...
- 7:30 pm Group dinner at 40 Ladroni
Cannaregio – Fondamenta della Sensa, 3253, Venezia 30100
<http://www.ristorantivenezia.net/osteriai40ladroni.htm>

Saturday, June 23 2012

Please check out of the hotel in the morning, but you are able to leave your luggage there if necessary.

Morning session: Data synthesis

- 9:00 am Entire group discussion: What scientific knowledge gaps should we address? (Moderated by Cathy Whitlock and Jerome Chappelaz)
- Time-slices?
 - Geographical constraints?
 - Validation between proxies?
- 10:30 am Coffee break
- 11:00 Entire group discussion: Data presentation (moderated by Jenn Marlon and Natalie Kehrwald)
- How to present our results?
 - Public data sharing?
 - Special issue (and associated deadlines)?
- 12:00 Workshop wrap-up: Carlo Barbante
- 12:30 End of workshop
Carlo Barbante, Natalie Kehrwald and Piero Zennaro are available help with any details regarding transportation, travel questions, etc.

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