



International scientific meeting Radiocarbon and diet: aquatic food resources and reservoir effects

Kiel (Germany)

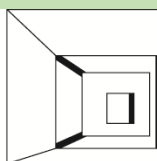
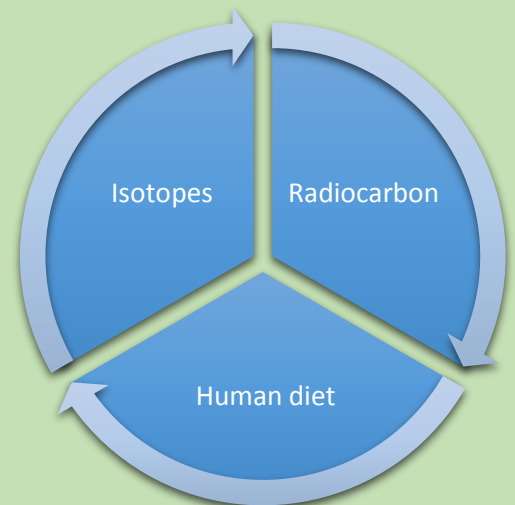
September 24-26, 2014

Information: <http://www.rre-conference.uni-kiel.de>

Publication: publication of meeting proceedings is planned as a special issue of the journal **Radiocarbon**

Meeting topics:

- Case studies showing radiocarbon age offsets associated with reservoir effect.
- Reservoir effects in non-human materials (e.g. ceramic food crusts, animal remains, terrestrial shells, sediments, etc.).
- Review of existing chronologies and events potentially affected by reservoir effects.
- Building chronological models in the presence of radiocarbon reservoir effects.
- Optimal sampling strategies for radiocarbon dating in the presence of potential reservoir effects.
- Archaeological and historical evidence for aquatic diets in a variety of time periods and geographical locations.
- Paleodietary reconstruction methods and their usefulness in identifying and quantifying an aquatic diet, including stable isotope methods and other dietary proxies.
- Radiocarbon dating of multiple human tissues/components for the identification of human dietary reservoir effects.
- Tracing ^{14}C within food webs.
- Understanding ^{14}C fluxes in the hydrologic cycle.
- Temporal and spatial variability of aquatic radiocarbon reservoir effects in both marine and inland contexts.
- (Un)expected radiocarbon reservoir effects.



Scientific committee:

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|--------------------------|--|
| Anders Fischer | (Danish Agency for Culture & Danish National Museum, Denmark) |
| Bernd Kromer | (Klaus-Tschira-Laboratory for Radiometric Dating Methods, Germany) |
| Christopher Bronk Ramsey | (University of Oxford, UK) |
| Clive Bonsall | (University of Edinburgh, UK) |
| Douglas J. Kennett | (Pennsylvania State University, USA) |
| Elisabetta Boaretto | (Weizmann Institute, Israel) |
| Eva Maria Wild | (University of Vienna, Austria) |
| Gordon Cook | (University of Glasgow, UK) |
| Harald Lübke | (Centre for Baltic and Scandinavian Archaeology, Germany) |
| Jan Heinemeier | (Aarhus University, Denmark) |
| Judith Sealy | (University of Cape Town, South Africa) |
| Kerstin Lidén | (Stockholm University, Sweden) |
| Malcolm Lillie | (University of Hull, UK) |
| Mathieu Boudin | (Royal Institute for Cultural Heritage, Belgium) |
| Markku Oinonen | (University of Helsinki, Finland) |
| Mike Richards | (Max Planck Institute Leipzig, Germany & University of British Columbia, Canada) |
| Minoru Yoneda | (University of Tokyo, Japan) |
| Nancy Beavan | (University of Otago, New Zealand) |
| Natalia Shishlina | (State Historical Museum, Russia) |
| Oliver Craig | (University of York, UK) |
| Petro Pesonen | (National Board of Antiquities, Finland) |
| Philippa Ascough | (University of Glasgow, UK) |
| Pieter Grootes | (University of Kiel, Germany) |
| Richard Evershed | (University of Bristol, UK) |
| Tamsin O'Connell | (University of Cambridge, UK) |
| Timothy Jull | (University of Arizona, USA) |