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*Denotes student /postdoc papers

synthesis papers as a lead author

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Conferences and abstracts (selected):

I have participated to more than 100 conferences and workshops. Below please find a list of selected talks as first author. * Denotes invited talks.

***Feurdean A.**, The role of plant traits in fire regime dynamics in Siberian boreal forests. Ecosystems and Fire. Online conference organised by University of Latvia, 20.01. 2021

***Feurdean A.**, Invited talk at the Carpathian-Balkan Paleoscience Workshop 2021 <http://pastglobalchanges.org/calendar/2020/127-pages/1996>

Feurdean, A., Recent fire activity in the boreal forests of central western Siberia is unprecedented in the past 5000 years: palaeoenvironmental evidence contextualises a burning issue <https://meetingorganizer.copernicus.org/EGU2020/EGU2020-13770.html>

***Feurdean A.** Ecosystem resilience to disturbance by fire determined from fossil records. Institute of Plant Science, University of Bern, Switzerland, 27.11.2019.

***Feurdean A.** Determining ecosystem resilience to disturbance by fire using palaeoecological records. Department of Botany, Charles University, Prague, Czech Republic, 15.10. 2019.

- *Feurdean, A.** 2000 years of variability in hydroclimate and carbon accumulation in western Siberia and the relationship with large scale atmospheric circulation. 4th Annual International Workshop by SECNET: Siberia in a global context. 1-6.10. 2019, Tomsk, Russia.
- Feurdean, A.** Holocene land cover-fire interactions in central Europe. 5e Fire MIP Workshop. 29.10. –1.11.2018, Frankfurt am Main, Germany.
- Feurdean, A.** The trouble with trees: looking at grassland as a conservation priority. European Palaeobotany and Palinology Conference. 12-17.08.2018, Dublin, Ireland.
- Feurdean, A.** Pollen productivity estimates for the reconstruction of land-cover changes in the forest-steppe zone from SE Romania (SE Europe). European Palaeobotany and Palinology Conference. 12-17. 08. 2018, Dublin, Ireland.
- *Feurdean, A.** Low intensity fire regimes as consequence of LBA and IA land use developments in the Carpathians, Danube plain and Black Sea region? Subsistence economy, land use and mineral resources during the Late Bronze Age, Iron Age and Roman period in SE Europe. Leuven, Belgium 24-25.11. 2017.
- *Feurdean, A.** Past responses of Carpathian vegetation to a warmer world and anthropogenic impact. Biogeography of the Carpathians. Ecological and evolutionary facets of biodiversity. The Second Interdisciplinary Symposium. Cluj-Napoca, Romania 28-30.09.2017.
- Feurdean A et al.,** Natural and human-driven fire regime and land-cover changes in Central and Eastern Europe. OSM, Zaragosa, Spain, 9-13.05.2017.
- Feurdean, A.** Fire as a key driver of long-term ecosystem functioning and biodiversity in Central and Easter Europe. Fire by biome, Bordeaux, France 25-29.09. 2016.
- Feurdean, A.** Last Millennium hydro-climate variability in Central Eastern Europe (Northern Carpathians, Romania): a multi-proxy approach. Climate variability and human impacts in Central and Eastern Europe during the last two millennia. Gdansk 17-19 June 2015.
- Feurdean, A.** Holocene treeline and timberline dynamics in the Rodna Mountains, Northern Carpathians, Romania. EPPC. August 26-31, 2014, Padova, Italy.
- Feurdean, A.** CE European working group. Vegetation responses to climatic changes throughout Central and Eastern Europe (CEE) between 60 and 8 kyrs. COST INTIMATE MC Final workshop. June 16-18, 2014, Zaragoza, Spain.
- Feurdean, A.** Early anthropogenically-induced shift in biome in the lowlands of Transylvania (CE Europe) Open PAGES Focus 4 Workshop Human-Climate-Ecosystem Interactions Towards a more accurate quantification of human-environment interactions in the past University of Leuven, Belgium February 3-7, 2014.
- *Feurdean, A.** Vegetation, fire, humans in the CE Europe from 50 ka to the present. Integrated Research Training Group CRC 806 'Our Way to Europe' University of Cologne, Germany, 20 October 2014.
- *Feurdean, A.** Status quo of pollen research along the Carpathians. PAGES EuroMed 2k meeting in Soria, Spain, September 14-17, 2014
- Feurdean, A.** The relevance of palaeoecological data in understanding biogeography of some plant taxa in the Carpathians, Romania. Biogeography of the Carpathians. Evolution of Biodiversity in a Spatiotemporal Context. The First Interdisciplinary Symposium 26-28 September 2013, Kraków, POLAND.
- Feurdean A.** Global Paleofire Working Group WORKSHO.P Frasné, France 2-6 October 2013 .
- *Feurdean, A.** Quantification of the climate impacts on vegetation community composition and fire regimes to the Lateglacial and early Holocene climate oscillations in the Carpathians (Romania). INTIMATE workshop: WG4 on Central and Eastern European palaeoclimate and palaeoenvironment, Cluj Napoca, Romania, 7-10 March, 2013.
- Feurdean, A.** Palaeo50. The Pressing Questions in Palaeoecology. Oxford, UK, 12-14 December 2012.
- *Feurdean, A.** Variation in the community composition, diversity and turnover to the Lateglacial climate oscillations in the Carpathians (Romania). INTIMATE workshop: Ecosystem responses to

palaeoclimate change 60,000-8000 years ago: integrating palaeoenvironmental and archaeological datasets, Ghent, Belgium, 6-7 November 2012.

Feurdean, A. Biomass burning in the Carpathians, DEUQUA, Bayreuth, Germany 16-20 September, 2012.

***Feurdean, A.** The relevance of long-term data in understanding contemporary and future biotic responses: examples from the Carpathian region: at Ökologie und Umweltforschung, Bayreuth, Germany, 9.2.2012

Feurdean, A. Biotic responses to climate changes in cold climates". BioCold workshop, Estonia, September 28-30 2011.

Feurdean, A. Elevational variation in the biotic response to repeated climate changes in the Carpathians 2011. Climate change in the Carpathian-Balkan region during the late Pleistocene and Holocene in Suceava, Romania, 9-12 June 2011.

Feurdean, A. The conservation management of the forests in the Apuseni Natural Park, Romania in the light of palaeoecological evidence. 8th Palaeobotany and Palynology Conference, Budapest, Hungary, 6-10 July 2010.

Feurdean, A. Exploring patterns in vegetation homogenization and differentiation across Romania. 8th Palaeobotany and Palynology Conference, Budapest, Hungary, 6-10 July 2010.