

Programm der Sitzung

20.-25. Sept. 2026



EUROPEAN
PALAEOBOTANY AND
PALYNOLOGY CONFERENCE
MÜNSTER

European Palaeobotany and Palynology Conference 2026

The Rhynie Chert: Windows into early life on land

Münster
Fürstenberghaus, Domplatz 20-22, 48143 Münster

Mo., 21. September

14:00

The Rhynie Chert: Windows into early life on land

Sitzung | **Ort:** Fürstenberghaus, Auditorium F5 | **Vorsitzende:**
Laura Cooper, Paul Kenrick, Sandy Hetherington, Christine Strullu-Derrien

14:00–14:15 Uhr

Deep into the Rhynie Chert ecosystem driven by Digital Fossil Mining

Sprecher

Harufumi Nishida

14:15–14:30 Uhr

A forested hot-spring setting in Japan as a modern analogue for plant-rich silica sinter Lagerstätten

Sprecher

Aya Kubota

14:30–14:45 Uhr

Comparing evolutionary trajectories of the earliest vascular plants: a trait-based approach

Sprecher

Rosa Parkin

14:45–15:00 Uhr

Confocal microscopy of conducting tissues in Horneophyton lignieri illuminates the origin of vascular tissues in land plants

Sprecher

Paul Kenrick

15:00–15:15 Uhr

New gametophytes of early land plants from the Early Devonian of South Africa

Sprecher

Eliott Capel

15:15–15:30 Uhr

Evidence of a complex epidermal patterning mechanism in early land plants from the Rhynie chert

Sprecher

Ana Julia Sagasti

15:30

16:00

The Rhynie Chert: Windows into early life on land

Sitzung | **Ort:** Fürstenberghaus, Auditorium F5 | **Vorsitzende:**
Christine Strullu-Derrien, Paul Kenrick, Laura Cooper, Sandy Hetherington

16:00–16:15 Uhr

Microbial diversity in decaying land plant axes from the Rhynie chert

Sprecher

Michael Krings

16:15–16:30 Uhr

Exploring the fossil record of early microorganisms with advanced imaging techniques**Sprecher**

Christine Strullu-Derrien

16:30–16:45 Uhr

Enigmatic Siluro-Devonian taxa Prototaxites and Pachytheca: were they related?**Sprecher**

Christopher Berry

16:45–17:00 Uhr

Prototaxites in the Rhynie chert: rethinking the biology of the world's first giants**Sprecher**

Corentin Flament-Loron

17:00–17:15 Uhr

Did Prototaxites trunks provide habitat for endophagous insect larvae during the Early Devonian?**Sprecher**

Michael Laaß

17:15–17:30 Uhr

The sensory toolkit of the earliest terrestrial predator, Palaeocharinus (Trignotarvida, Arachnida, Arthropoda), from the Rhynie cherts (407 Ma)**Sprecher**

Beau Jones

17:30