

BG9.6

EDI🌟

Exploring the use of optimality approaches in vegetation and land-surface models ▶

Convener: Sandy Harrison Q | Co-conveners: Jaideep Joshi^{ECS} Q, Huiying Xu^{ECS} Q, Nicholas Smith Q

▶ Posters on site | Attendance Wed, 26 Apr, 16:15–18:00 (CEST) ■ Hall A

Posters on site: Wed, 26 Apr, 16:15–18:00 | Hall A

The posters scheduled for on-site presentation are only visible in the poster hall in Vienna. If authors uploaded their presentation files, these files are linked from the abstracts below, but only on the day of the poster session.

Chairpersons: Nicholas Smith, Jaideep Joshi, Huiying Xu

A.322 | EGU23-908 | On-site presentation

Recent developments in the context of the TRY Plant Trait Database ▶

Jens Kattge, Gerhard Bönisch, Olee Hoi Ying Lam, David Schellenberger Costa, Sandra Diaz, Sandra Lavorel, Iain Colin Prentice, Paul Leadley, and Christian Wirth and the TRY Consortium

A.323 | EGU23-3518 | ^{ECS} | On-site presentation

Leaf acclimation to elevated CO2 is independent of soil nitrogen fertilization and rhizobial inoculation▶

Evan A. Perkowski and Nicholas G. Smith

A.324 | EGU23-5128 | ^{ECS} | On-site presentation

Optimal lignin decomposition during litter decay▶

Arjun Chakrawal, Björn Lindahl, and Stefano Manzoni

A.325 | EGU23-6407 | ^{ECS} | Highlight | On-site presentation

Towards a global leaf phenology model▶

Boya Zhou, Ziqi Zhu, Wenjia Cai, and Iain Colin Prentice

A.326 | EGU23-6459 | ^{ECS} | On-site presentation

Towards a theory of carbon allocation based on eco-evolutionary optimality principles▶

Ruijie Ding, Rodolfo Nóbrega, and Iain Colin Prentice

A.327 | EGU23-10880 | Highlight | On-site presentation

Paradigm Shifts in Parameter Space▶

Stephan Pietsch

A.328 | EGU23-13247 | ^{ECS} | On-site presentation

Stomatal optimization modelling in JSBACH: an in-depth case study on a boreal forest measurement site▶

Aleksanteri Mauranen, Jarmo Mäkelä, Teemu Hölttä, Yann Salmon, and Timo Vesala

A.329 | EGU23-14808 | ^{ECS} | On-site presentation

Soil microbial communities influence plant carbon cost to acquire nutrients▶

Jan Lankhorst, Karin Rebel, Astrid Odé, and Hugo de Boer

A.330 | EGU23-15215 | ^{ECS} | On-site presentation

Testing the responses and interplay of leaf physiological and morphological traits at elevated CO2 levels in six common crop species▶

Astrid Odé, Paul Drake, Jan Lankhorst, Erik Veneklaas, Karin Rebel, and Hugo de Boer