



Programma/Programme

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| 9.00–9.05 | Atklāšana (Inese Silamiķele un Normunds Stivriņš) Opening words by Inese Silamiķele and Normunds Stivrins | |
| Vadītājs / Chair: Prof. Normunds Stivrins | | |
| Ugunsgrēku vēsture / History of fire | | |
| 9.05–9.20 | Heikki Seppä <i>Department of Geosciences and Geography, University of Helsinki</i> | Forest fires and ecosystem dynamics: a multimillennial perspective from boreal Europe |
| 9.20-9.35 | Chiara Molinari* , R.H.W. Bradshaw, C. Carcaillet, G.E. Hannon, V. Lehsten <i>*Department of Physical Geography and Ecosystem Science, Lund University</i> | Role of vegetation on fire behaviour in boreal and cold temperate forests of Fennoscandia during the Holocene |
| 9.35-9.50 | Tuomas Aakala <i>School of Forest Sciences, University of Eastern Finland</i> | Past forest fires and climate in the eastern Fennoscandian boreal forest |
| 9.50-10.05 | Igor Drobyshev* , N. Ryzhkova, J. Eden, M. Kitenberga, G. Pinto, H. Lindberg, F. Krikken, Y. Bergeron <i>*Swedish University of Agricultural Sciences *Universite Du Quebec En Abitibi- Temiscamingue</i> | Trends and patterns in annually burned forest areas and fire weather across the European boreal zone in the 20th and early 21st centuries |
| 10.05-10.20 | Niina Kuosmanen* , P. Kuneš, K. Halsall, H. Svitavska-Svobodova, J. Beranova, G. Hannon, P. Fleischer, R. Chiverrell, | Late Holocene ecosystem change and disturbance dynamics in Central European mountain forests |

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| | J.L. Clear <i>*Department of Geosciences and Geography, University of Helsinki</i> | |
| 10.20-10.35 | Colin Courtney-Mustaphi <i>Geoecology, Department of Environmental Science, University of Basel</i> | Charcoal-based records of late Quaternary fire activity in tropical highlands and lowlands of eastern Africa |
| 10.35-10.45 | Coffe break (10 min) | |
| Ekosistēmas / Ecosystems | | |
| 10.45-11.00 | Triin Reitalu <i>Department of Geology, Tallinn University of Technology</i> | Functional diversity changes in boreal forests through the last 10000 years |
| 11.00-11.15 | Ansis Blaus* , T. Reitalu, S. Veski, P. Gerhold, I. Hiiesalu, J.C. Massante, A. Poska, J. Vassiljev <i>*Department of Geology, Tallinn University of Technology</i> | Enhancing long-term biodiversity reconstructions with modern pollen-plant relationships and pollen signal from mires |
| 11.15-11.30 | Inta Dimante-Deimantovica* , N. Buhhalko, N. Stivrins, S. Saarni, M. Barone, N. Suhareva, V. Alvis, W. Tylmann <i>*Latvian Institute of Aquatic Ecology, Agency of Daugavpils University</i> | Microplastic waste accumulation in lake sediments |
| Ugunsrēki purvos / Fire in peatland | | |
| 11.30-11.45 | Inese Silamiķele* , L. Kalniņa, N. Ivanovs, O. Purmalis, V. Ozols, A. Ceriņa, G. Krūmiņš <i>*Faculty of Geography and Earth Sciences, University of Latvia</i> | Evidence of fires reflected by the changes of peat properties in Saklaura Bog |
| 11.45-12.00 | Oskars Purmalis* , V. Ozols, I. Silamiķele <i>*Faculty of Geography and Earth Sciences, University of Latvia</i> | Variation of peat properties after peat fires |
| 12.00-12.15 | Līga Strazdiņa* , M. Pakalne <i>*Botanical garden,</i> | Vegetation response to drainage and fire in Saklauru Mire from Ziemeļu Mires Nature Reserve |

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| | <i>University of Latvia</i> | |
| 12.15-12.20 | 5 min break | |
| Ugunsgrēku ietekme uz augsni un ugunsgrēku pārvaldība / Fire impact on soil and management | | |
| 12.20-12.35 | K. Parro, K. Köster, K. Jõgiste, G. Renel, K. Segliņš, A. Sims, J.A. Stanturf, M. Metslaid* <i>*Estonian University of Life Sciences, Institute of Forestry and Rural Engineering</i> | Impact of postfire management on forest regeneration, soil respiration, C and N content in a managed hemiboreal forest, Estonia |
| 12.35-12.50 | Gintars Krūmiņš* , M. Nartišs <i>*Latvian State Forests</i> | Development of forest fire risk assessment model for forests of Latvia |
| 12.50-13.05 | Argo Orumaa* , K. Köster, E. Köster, K. Parro, K. Jõgiste, F. Berninger, J. Pumpanen, M. Metslaid <i>*Institute of Forestry and Rural Engineering, Estonian University of Life Sciences</i> | Soil greenhouse gas fluxes along fire chronosequence in hemiboreal forest of northwestern Estonia |
| Poster / Posters | | |
| 13.05-13.10 | Agnese Rancāne*, E. Siliņa, J. Ventņš <i>*University of Latvia</i> | Impact of heather burning on epigeic arthropod diversity in military training area Ādaži |
| 13.10-13.15 | Angelica Feurdean <i>Senckenberg Biodiversity and Climate Research Center</i> | The role of plant traits in fire regime dynamics in Siberian boreal forests |
| 13.15-13.20 | Noslēgums (Inese Silamiķele un Normunds Stivriņš) / Closure (Inese Silamiķele and Normunds Stivrins) | |