



Monday 9. 9. 2019 (Building "X")

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| 17:00–20:00 | Registration at Mendel University in Brno |
| 18:00–22:00 | Ice-breaker at Mendel University in Brno with possible visiting the botanical garden and arboretum |

Tuesday 10. 9. 2019 (Academy Hall, Aula II)

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| 8:15–9:00 | Registration and poster hanging |
| 9:00–9:30 | Conference opening |

Session 1 – Dendrochronological dating, human and forest history

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| chair | Willy Tegel |
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| 9:30–10:00 | Keynote speaker – Kyncl, Josef: History of Dendrochronology in the Czech Republic |
| 10:00–10:15 | Nabais, Cristina: The choir of Santa Cruz church in Coimbra, Portugal: comparing written sources and dendrochronological dating |
| 10:15–10:30 | Grabner, Michael: Timber in Vienna – the difference between felling and building date |
| 10:30–10:45 | Gmińska-Nowak, Barbara: Upper Mustang master chronology. Dendrochronological analysis of ancient architecture of Kingdom of Lo (Nepal). |

10:45–11:15 Coffee break with posters

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| chair | Tomasz Wazny |
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| 11:15–11:30 | Barrett, Marie-Therese: Unraveling the story of an Early Medieval crannog through tree-ring analysis |
| 11:30–11:45 | Muigg, Bernhard: Dendroarchaeology of early medieval water mills |
| 11:45–12:00 | Christopoulou, Anastasia: Following Schliemann – Potential of the Peloponnese peninsula for dendroarchaeology |
| 12:00–12:15 | Oberhänsli, Monika: Dendrochronological dating of charcoal from high-altitude prehistoric copper mining sites in the Oberhalbstein Valley (Grisons, Switzerland) |
| 12:15–12:30 | Christie, Duncan: Inca rituals in the summits of the Andes of Atacama: a tale of the trees |
| 12:30–12:45 | Keck, John: Updating Holocene subfossil oak chronologies from Croatia and Bosnia-Herzegovina |

12:45–14:00 Lunch

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| chair | Michael Grabner |
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| 14:00–14:15 | Tegel, Willy: The prehistoric pile dwellings of the Lake Constance shore at Eschenz (CH) "Orkopf" from a dendroarchaeological perspective |
| 14:15–14:30 | Rybníček, Michal: World's oldest dendrochronologically dated archaeological wood construction |
| 14:30–14:45 | Čufar, Katarina: Dendrochronological questions related to musical instruments |
| 14:45–15:00 | Doğan, Yasir: Tree-ring dating of some musical instruments from Turkey |
| 15:00–15:15 | Bernabei, Mauro: A Guarneri in the attic |
| 15:15–15:30 | Kusbach, Antonín: Pedoanthracological records as tools for revelation of the forest history in the Khan Khentii Mts., northern Mongolia |

| 15:30–16:00 Coffee break with posters | |
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| Session 2 – Technical advances in dendrochronology and wood anatomy | |
| chair | Filipe Campelo |
| 16:00–16:15 | Van den Bulcke, Jan: State-of-the-art multiscale X-ray CT scanning of increment cores |
| 16:15–16:30 | Lehnebach, Romain: X-ray CT analysis of wood formation: development and perspectives |
| 16:30–16:45 | García-González, Ignacio: Measuring and editing tree rings in ImageJ using the plugin TreeRingJ |
| 16:45–17:00 | Mikhailovich, Anna: Spatio-temporal dynamics of the upper tree line in the polar Urals: centuries-old downward and upward shift |
| 17:00–21:00 Guided tour to the city center and dinner in the Pegas brewery | |

| Wednesday 11. 9. 2019 (Academy Hall, Aula II) | |
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| Session 3 – Wood anatomy and tree phenology | |
| chair | Katarina Čufar |
| 9:00–9:15 | Mayer, Konrad: A synoptic view on intra-annual density fluctuations |
| 9:15–9:30 | Pérez-de-Lis, Gonzalo: Can we chop a tree-ring into time-slices? What wood formation dynamics can bring to intra-annual tree-ring sciences. |
| 9:30–9:45 | Häusser, Martin: Differing effects of two consecutive extreme years on radial growth of pines along an elevation gradient on Corsica |
| 9:45–10:00 | Tumajer, Jan: Modelling intra-annual growth dynamics of <i>Picea abies</i> in treeline |
| 10:00–10:15 | Myśkow, Elżbieta: The impact of horse-chestnut leaf miner on cambial activity and differentiation of secondary conductive tissues of horse-chestnut |
| 10:15–10:30 | Fajstavr, Marek: Tree water status fluctuations directly affecting the xylem cell morphogenesis of drought-stressed Scots pine trees |
| 10:30–10:45 | Vieira, Joana: The effect of water manipulation on xylogenesis: adjusting rates rather than duration |
| 10:45–11:15 Coffee break with posters | |
| chair | Vladimír Gryc |
| 11:15–11:30 | Zhu, Liangjun: Temperature rather than precipitation limits vessel features in earlywood and radial growth of Manchurian ash (<i>Fraxinus mandshurica</i> Rupr.) in temperate forests |
| 11:30–11:45 | García-González, Ignacio: Complex climate-growth relationships of ring-porous oaks are optimized by combining earlywood vessels and latewood width: some examples from northwestern Iberia |
| 11:45–12:00 | Krejza, Jan: Time lag between stem radial increment and stem carbon allocation and its consequences to net ecosystem production |
| 12:00–12:15 | Campioli, Matteo: Inter-individual variability in spring phenology of late successional temperate deciduous trees is determined by tree growth characteristics and previous year autumn phenology |
| 12:15–12:30 | Dox, Inge: New insights on autumn phenology of temperate deciduous trees: comparison of cessation of woody growth and onset of foliar senescence in autumn in the European beech and the silver birch along their distributional range in Europe |
| 12:30–12:45 | Bijak, Szymon: Does growing longer mean growing wider? |
| 12:45–14:00 Lunch | |
| 14:15–22:00 Excursion to the the Lednice-Vlatice Cultural Landscape (including dinner in a wine cellar) | |

Thursday 12. 9. 2019 (Academy Hall, Aula II)

Session 4 – Tree growth-climate variability relationship

| chair | Kerstin Treydte |
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| 9:00–9:30 | Keynote speaker – Dobrovolný, Petr: Past climate from chronicles to trees and beyond |
| 9:30–9:45 | Yermokhin, Maxim: Impact of climatic factors on the radial increment of hornbeam and grey alder at the borders of their ranges |
| 9:45–10:00 | Treml, Václav: How coherent are stand-level tree growth trends and climate responses in conifer forests of Central Europe? |
| 10:00–10:15 | Trlin, Domagoj: Climate sensitivity of narrow-leaved ash in floodplains |
| 10:15–10:30 | Lyu, Lixin: Drought limitation on tree growth at the Northern Hemisphere's highest tree line |
| 10:30–10:45 | Žmegač, Anja: Climate sensitivity of black pine from mountainous coastal area in Croatia |

10:45–11:15 Coffee break with posters

| chair | Václav Treml |
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| 11:15–11:30 | Akkemik, Ünal: October–July precipitation reconstruction for Northern Kazakhstan since 1744 |
| 11:30–11:45 | Malik, Rayees Ahmad: Climate reconstruction potential of pindrow fir tree rings from northwestern Himalaya |
| 11:45–12:00 | Sarir, Ahmad: A 424-year tree-ring based PDSI reconstruction of Deodar from Chitral HinduKush Range of Pakistan: linkages to the ocean oscillations |
| 12:00–12:15 | Kshetrimayum, Ghanashyam Singh: Tree ring analysis of himalayan cedar in relation to climate in sub-tropical moist forest of northeast India |
| 12:15–12:30 | Nongthombam, Dharendra Singh: Tree ring formation and intra annual density fluctuation in relation to climate in a sub tropical pine forest |
| 12:30–12:45 | Férriz, Macarena: Understanding mortality in two co-occurring Mediterranean coniferous species of different drought-tolerance |

12:45–14:00 Lunch

Session 5 – Tree growth responses to environmental stress

| chair | Ignacio García-González |
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| 14:00–14:15 | Trouillier, Mario: Size, not age, affects trees' climate sensitivity |
| 14:15–14:30 | Huang, Weiwei: Predictions of future growth based on tree ring chronologies: How sure can we be? |
| 14:30–14:45 | Gennaretti, Fabio: Divergent tree physiological states in black spruce stands and their implications for millennial-long dendroclimatic reconstructions |
| 14:45–15:00 | Novak, Klemen: Aleppo pine forest decline in semiarid Mediterranean ecosystems in southeast Spain |
| 15:00–15:15 | Drobyshev, Igor: Variability in masting of European beech at different time scales: analysis of 329 year long dendrochronological reconstruction from Southern Sweden |
| 15:15–15:30 | Plichta, Roman: Beech seedlings are more prone to hydraulic dysfunction in spring than in summer |

15:30–16:00 Coffee break with posters

| chair | Nesibe Köse |
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| 16:00–16:15 | Kašpar, Jakub: Woody species-specific disturbance regimes and strategies in mixed mountain temperate forests in the Šumava Mts., Czech Republic |
| 16:15–16:30 | Čada, Vojtěch: Dendrochronological quantification of natural disturbances in the European mountain spruce forests as a guideline for management |
| 16:30–16:45 | Matulewski, Paweł: Methodological challenges and pitfalls in cross-dating of tree roots subjected to trampling (<i>Pinus sylvestris</i> L., NE Poland) |

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| 16:45–17:00 | Begović, Krešimir: Are forests getting younger? A case study of environmental changes impact on growth dynamics of primary forests of Carpathians. |
| 17:00–17:15 | Phulara, Mohit: Response of alike tree species at different sites of IHR along treeline ecotone |
| 17:15–17:30 | Khan, Afsheen: Resilience in some lower Himalayan conifers under disturbed condition; a preliminary tree ring study of growth |
| 17:30–17:45 | Kemp, Marthie Elizabeth: Exploring the dendroecological potential of riparian Poplar trees, Caledon river, South Africa |
| Removing posters | |
| 19:00–23:00 Farewell dinner in the Best Western Premiere Hotel International Brno | |

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| Friday 13. 9. 2019 (Černopolní 45, 613 00 Brno) | |
| Optional excursion to the Villa Tugendhat (10:00–14:00) | |
| Departure | |