

<i>Tuesday, 6 October 2020*</i>	
18.00 - 19.00*	<i>Nobel Prize Laureate Joseph Stiglitz with the talk "The future of globalization" in live streaming (the link will be sent to you by e-mail)</i>

*our time zone is CEST Central European Summer Time (ROME), UTC+2

Online IUFRO conference programme	
"The social and ecological value added of small-scale forestry to the Bio-Economy"	
Wednesday, 7 October 2020	
08.30 - 09.00	Online connection is open for informal discussion, technicalities, Q&A
Welcome addresses and introduction	
Chair: Davide Pettenella , Deputy of the IUFRO Sub-Unit 4.05.02, Department of Land, Environment, Agriculture and Forestry of University of Padua	
09.00 - 09.05	Christian Hoffmann , Deputy of the IUFRO Sub-Unit 4.05.04 Forest based value chains. Research Group Leader, Institute for Regional Development of Eurac Research
09.05 - 09.10	Roland Psenner , President of Eurac Research
09.10 - 09.15	Günther Unterthiner , Director of the Forestry Department Province of Bolzano - South Tyrol
09.15 - 09.20	Alessandra Stefani , Directorate General of Forests (DIFOR), Dept. for European and International policies and Rural Development, Ministry of Agricultural Food and Forestry Policies
09.20 - 09.25	Lidija Zadnik-Stirn , coordinator of the IUFRO Unit 4.05 Managerial economics and accounting, Department of Forestry and Renewable Forest Resources, University of Ljubljana
09.30 - 10.00	Keynote speech: "Contemporary innovations within the European forest-based bioeconomy: which perspectives for small-scale forestry?" Laura Secco , Deputy Coordinator IUFRO Unit 9.05.03 Cross-sectoral policy impacts on forests and environment, University of Padua
10.00 - 10.15	Break
Session 1: Diversification. Innovation.	
Chair: Philipp Toscani , Deputy of the IUFRO Sub-Unit 4.05.02, University of Natural Resources and Life Sciences, Vienna, Institute of Agricultural and Forestry Economics	
10.15 - 10.30	The role of social innovation for new opportunities and social and ecological values of small-scale forestry Gerhard Weiss , Alice Ludvig, Ivana Zivojinovic, Carla Barlagne, Bill Slee, Todora Rogelja, Mari Bjerck
10.30 - 10.45	Innovation and transformability of collective resources management in mountain regions. An applied approach to commons in Trentino, Italy Cristina Dalla Torre
10.45 - 11.00	Embracing change: How to equip Swiss small-scale forest management to meet future challenges? Mariana Melnykovich , Astrid Bjoernsen, Roland Olschewski, Irmí Seidl
11.00 - 11.15	Conservation decisions of small-scale private forest owners: Attitudes, objectives and driving factors Malin Tiebel , Andreas Mölder, Tobias Plieninger
11.15 - 11.30	Break
Session 2: Multifunctional use of forest resources. Socio-ecological forest services	
Chair: Carsten Smith-Hall , Coordinator of the IUFRO Sub-Unit 5.11.00 Non-wood forest products, University of Copenhagen	
11.30 - 11.45	The contribution of forestry to the Total Economy of Farm - empirical evidence from North (A) and South Tyrol (I) Christian Hoffmann , Philipp Toscani, Walter Sekot
11.45 - 12.00	Double bark thickness estimation models of common European broad-leaved species, compatible with harvester forest machine systems Martin Jankovský , Radim Löwe, Jirí Dvorák, Pavel Natov
12.00 - 12.15	The Chestnut tree: a resource for the socio-economic revival of inland areas in a bio-economy perspective Stefano Bruzzese , Simone Blanc, Filippo Brun
12.15 - 12.30	Life Brenta 2030 Project - Promoting good governance and innovative financing schemes for biodiversity and water conservation of Brenta river Carlo Zanetti , Mauro Masiero, Alessandro Leonardi
12.30 - 14.00	Lunch break

14.00 - 14.30	Keynote speech: “The forest-based (circular) bioeconomy: a globally mainstreamed narrative or a locally tailored strategy?” Dalia D'Amato , Adjunct Professor, Helsinki Institute of Sustainability Science, Department of Forest Sciences, Faculty of Agriculture and Forestry, University of Helsinki
Session 3: Multifunctional use of forest resources. Socio-ecological forest services Chair: Lidija Zadnik-Stirn , Coordinator of the IUFRO UNIT 4.05, Department of Forestry and Renewable Forest Resources, University of Ljubljana	
14.30 - 14.45	Small-scale forestry, large-scale problems? Building cooperation to improve ecosystem service delivery Vasja Leban , Špela Pezdevšek Malovrh, Lidija Zadnik Stirn
14.45 - 15.00	Indigenous Socio-Cultural Forestry Management and Research in British Columbia, Canada Paul Mitchell-Banks
15.00 - 15.15	Beyond the Timberline: Assessment of Supplemental Income Opportunities and Forest Management Practices of Family Forest Owners Adam Maggard , Zachary Singh, John Kush, Rebecca Barlow
15.15 - 15.30	Welcome remarks on behalf of IUFRO Prof. John Parrotta , IUFRO President
15.30 - 16.00	Keynote speech: “Bioeconomy and Small-Scale Forestry: Historical Perspectives and the Potential for Non-Wood Forest Products” Donald G. Hodges , Member of the IUFRO Board and Coordinator of the Division 4 4.00 – Forest Assessment, Modelling and Management, University of Tennessee (USA)
16.00 - 16.15	Break
Session 4: Small scale forestry Chair: Christoph Hartebrodt , Coordinator of the IUFRO Sub-Unit 3.08, Small-Scale Forestry, Forest Research Institute Baden-Württemberg	
16.15 - 16.30	Application of the corporate social responsibility in forest SMEs in SR Blanka Giertliová , Iveta Hajduchova, Christian Mikler
16.30 - 16.45	Forestry contributions to bioeconomy in the Czech Republic Ratna Purwestri
16.45 - 17.00	Municipal forests and forest cooperatives in the Czech Republic - the unresolved potential of forest property by the economy after transformation Katerina Holušová
17.00 - 17.15	How national forest funds can support small-scale forest businesses to deliver ecosystem services? Ludwig Liagre , Alex Pra, Davide Matteo Pettenella
17.15 - 17.30	Break
17.30 - 17.45	Aggregate socio-economic value of timber species produced by smallholders in the Peruvian Amazon Mario-Herman Pinedo-Panduro , Miguel-Angel Pinedo-Vasquez
17.45 - 18.00	Selection of indicators of sustainable management of small-scale forestry with an emphasis on the principles of Bio-Economy Jitka Menhazova , Tomas Pospisil, Vaclav Sebek
18.00 - 18.15	More inclusive Small-scale forestry beyond NWFP in North Africa Arbia Labidi , Mariana Melnykovich

Thursday, 8 October 2020	
Session 5: Non wood forest products Chair: Gian Antonio Battistel, Directorate of the Research and Innovation Center Edmund Mach Foundation	
09.00 - 09.30	Keynote speech: “Hidden in plain sight: value of non-wood forest products in the European bioeconomy” Marko Lovric , European Forest Institute
09.30 - 09.45	What are the main characteristics of Non-Wood Forest Products picking households in Spain? Elena Gorriz , Davide Matteo Pettenella, Valentino Marini Govigli, Irina Prokofieva, José Antonio Bonet, Enrico Vidale, Riccardo Da Re, Marko Lovric, Robert Mavsar, Jenny Wong, Sergio de-Miguel
09.45 - 10.00	From an informal to a legal wild forest product economy: the Italian experience on new fiscal regulations Jacopo Giacomoni , Davide Matteo Pettenella
10.00 - 10.15	Quantifying the contribution of Non-Wood Forest Products in the European forest-based bioeconomy Viola Di Cori , Mara Thiene, Cristiano Fransceschinis, Davide Matteo Pettenella, Nicolas Robert
10.15 - 10.30	Changes in the dynamics of non-wood forest products of animal origin during the last decade Olgirda Belova
10.30 - 10.45	Break
Session 6: Non wood forest products Chair: James Chamberlain, Member of the IUFRO Board and Deputy of the IUFRO Sub-Unit 5.11.00 Non-wood forest products & Coordinator of the Task Force "Unlocking the Bioeconomy and Non-Timber Forest Products", USDA Forest Service Southern Research Station	
10.45 - 11.00	A perspective of innovative multifunctional forestry for societal benefits: a focus on Ukrainian Carpathians Maria Nijnik , Mariana Melnykovich, Simo Sarkki
11.00 - 11.15	A forest-based bioeconomy framework with bio-based transition pathways for primary products Meenakshi Piplani
11.15 - 11.30	The role of non-food forest based products in bioeconomy value chain Stjepan Posavec
11.30 - 11.45	The bioeconomy and non-timber forest products in lower income countries: a framework and its application to medicinal plants in Nepal Meenakshi Piplani , Carsten Smith-Hall
11.45 - 12.00	Break
Session 7: Actors along the regional value chain Chair: Tobias Stern, Institute of Systems Sciences, Innovation and Sustainability Research, University of Graz	
12.00 - 12.15	Relational attributes in Social Ecological Systems fostering the transition towards a bio-based economy: Insights and Operative Indications Elena Andriollo , Elena Pisani, Laura Secco, Alberto Caimo
12.15 - 12.30	New development of Italian forest owner associations: towards a better integration of SME in the forest-based bioeconomy Giorgia Bottaro , Nicola Andrighetto
12.30 - 12.45	Local implementation of EU forestry policies: a case study of Tuscany Region Carlotta Sergiacomi , Claudio Fagarazzi, Enrico Marone, Roberto Fratini
12.45 - 14.00	Lunch break

14.00 - 14.30	Keynote speech: “Competing Goals Dilemma in forest-based Bio-economies” Tobias Stern , Institute of Systems Sciences, Innovation and Sustainability Research, University of Graz
Session 8: Politics & Governance. Certification & labelling. Climate Change adaptation Chair: Mersudin Avdibegovic , International Council Representative, University of Sarajevo	
14.30 - 14.45	Measuring and assessing forest-based circular bioeconomy to implement the National Sustainable Development Strategy in Italy Alessandro Paletto , Ilaria Biancolillo
14.45 - 15.00	Constrained liquidity in times of calamity a study on adaptation in private forest enterprises in Germany Gundula von Arnim
15.00 - 15.15	Restoration of declining spruce stands in the Czech Republic : a bioeconomic view of solving the situation of small forest owners Roman Dudík , Vilém Jarský, Petra Palátová
15.15 - 15.30	Consumers' willingness to pay for bio-textile products made from certified wood fibers Alessandro Paletto
15.30 - 15.45	Impact of education in increasing of Climate Changes adaptation among students, Iran Sajjad Ghanbari
15.45 - 16.00	Break
Session 9: Methods and Models. Valorization of ecosystem services. Impact assessment and tradeoffs Chair: Christian Hoffmann , Deputy of the IUFRO Sub-Unit 4.05.04 Forest based value chains. Research Group Leader, Institute for Regional Development of Eurac Research	
16.00 - 16.15	Prediction of the Development in the Raw Material Basis of Wood in the Context of the Developments in the Bark Beetle Disaster in the Czech Republic Dalibor Safarik, Tomas Pospisil , David Brezina
16.15 - 16.30	Socio-economic essence of the forest, its management, protection and regeneration as a property, economic and social phenomenon in the climate change era on the example of the Czech Republic Ludek Sisak , Roman Sloup, Jan Lojda, Marcel Riedl
16.30 - 16.45	The contribution of sustainable plant-based development in transiting to a bioeconomy the case of Neopicrorhiza scrophulariiflora (Pennell) D.Y. Hong in Nepal Filippo Caporale
16.45 - 17.00	The effects and impacts of the Vaia storm on local timber markets in Northeast Italy Alberto Udali , Nicola Andrighetto, Stefano Grigolato, Paola Gatto
17.00 - 17.15	Using Earth Observation data to compute Economic Accounts for Forestry: testing a small-scale forestry unit through remote sensing Elena Gorriz , Valentino Marini Govigli, Eduardo Montero, Inazio Martínez de Arano, Íñigo Lizarralde, Ángel Fernández Carrillo, Beatriz Revilla Romero
17.15 - 17.30	Possibilities for the development of the PES concept in Serbia based on the perception of stakeholders Ljiljana Keča, Milica Marceta, Aleksandar Markovic
17.30 - 18.00	Conclusions