

## European Natural Forest School 2024 – Programme

### Week 1 – Lectures and field trips to Lübeck and surroundings

Monday, 26 <sup>th</sup> August 2024	Details	Lead / Speaker
Morning <i>Die Diele</i> <i>Mengstraße 41-43, 23552 Lübeck</i>	Introduction and Welcome to Lübeck Get to know each other, Warm up	Dr. Torsten Welle <i>Natural Forest Akademie</i>
Afternoon <i>Die Diele</i>	<i>Lecture</i> – Forest policy under climate change in the European Union and at national level	<i>t.b.a.</i>
Evening <i>t.b.a.</i>	Evening Event	
Tuesday, 27 <sup>th</sup> August 2024	Details	Lead / Speaker
Morning <i>Die Diele</i>	<i>Lecture</i> – Multifunctional forest ecosystems: Functioning and biodiversity <ul style="list-style-type: none"> <li>• Characteristics and potentials of natural forests</li> <li>• State of European forests and of remaining natural forests in particular</li> <li>• Resilience and benefits of natural forests ecosystems</li> </ul>	Prof. Dr. Werner Härdtle <i>Institute of Ecology, Leuphana University of Lüneburg</i>
Afternoon <i>Die Diele</i>	<i>Lecture (online)</i> – Natural forests and biodiversity <ul style="list-style-type: none"> <li>• Natural disturbance and forest dynamics</li> <li>• Structural heterogeneity and biodiversity</li> <li>• Natural, primary or old-growth forests – a jungle of words</li> <li>• Where are Europe's primary forests?</li> </ul>	Dr. Francesco Sabatini <i>Martin-Luther Univ. Halle-Wittenberg; German Centre for Integrative Biodiversity Res. (iDiv) Halle-Jena-Leipzig</i>

Wednesday, 28 <sup>th</sup> August 2024	Details	Lead / Speaker
Morning <i>Lübeck Municipal Forest</i>	<i>Field trip</i> – Schattiner Zuschlag: Ecological processes in natural forests (I)	Anna-Lena Joch <i>Lübeck Municipal Forest</i>
Afternoon <i>Lübeck Municipal Forest</i>	<i>Lecture</i> – Ecological processes in natural forests (II) Theoretical foundations	Knut Sturm <i>Natural Forest Academy</i>
	<i>Lecture</i> – Ecosystem-based forest management (I) The Lübeck Model	Hannes Napp <i>Lübeck Municipal Forest</i>
Thursday, 29 <sup>th</sup> August 2024	Details	Lead / Speaker
All day <i>Lübeck Municipal Forest</i>	<i>Field trip</i> – Various sites: Ecosystem-based forest management (II)	Eckhard Kropla <i>Lübeck Municipal Forest</i>
Friday, 30 <sup>th</sup> August 2024	Details	Lead / Speaker
Morning <i>DJH Vor dem Burgtor Am Gertrudenkirchhof 4 23568 Lübeck</i>	<i>Lecture &amp; Demonstration</i> – Forest monitoring: Theories, methods and applications (i.a. remote sensing)	Dr. Torsten Welle & Carsten Hess <i>Natural Forest Academy</i>
Afternoon <i>DJH Vor dem Burgtor</i>	<i>Lecture</i> – Conflicts and trade-offs related to <ul style="list-style-type: none"> <li>• managing and conserving forests,</li> <li>• ecosystem services and ways of wood use.</li> </ul>	Eva Blaise <i>Natural Forest Academy</i>

Saturday, 31 <sup>th</sup> August 2024	Details	Lead / Speaker
All day <i>Nature Protection Area            Südlicher Priwall</i>	<i>Field trip</i> – Forest types on steep slopes along the river Trave	Dr. Matthias Braun & Jessica Richter <i>Landscape management association            Dummersdorfer Ufer e.V.</i>
Sunday, 1 <sup>st</sup> September 2024	Details	Lead / Speaker
10:00 – 17:00 <i>Lübeck Municipal Forest</i>	<i>Event (voluntary)</i> – Walderlebnistag (Forest Experience Festival)	<i>n.a.</i>
<b>Week 2 – Field Trip to Mecklenburg-Western Pomerania and Brandenburg</b>		
Monday, 2 <sup>nd</sup> September 2024	Details	Lead / Speaker
All day <i>Müritz National Park</i>	<i>Field trip</i> <ul style="list-style-type: none"> <li>• Ecology, forest habitat types and nature conservation approach of Müritz National Park</li> <li>• National park management tasks</li> <li>• Challenges and solutions for the region</li> </ul>	Dr. Sven Rannow <i>Müritz National Park</i>

*Overnight stay in Neustrelitz*

Tuesday, 3 <sup>th</sup> September 2024	Details	Lead / Speaker
Morning <i>Natural forest reserve Heilige Hallen</i>	<i>Field trip</i> – The oldest beech forest in Germany <ul style="list-style-type: none"> <li>• Old-growth forest characteristics</li> <li>• Forest functions (focus on microclimate)</li> <li>• Effectiveness of protected areas, incl. buffer zone management; Forest management around Heilige Hallen and impacts</li> </ul>	<i>t.b.a.</i>
Afternoon <i>Forest District Reiersdorf</i>	<i>Field trip</i> – Continuous cover forestry: Concept for forest management in the state forestry Reiersdorf	Dietrich Mehl <i>Forestry Reiersdorf</i>
<i>Overnight stay in the Lower Oder Valley National Park</i>		
Wednesday, 4 <sup>th</sup> September 2024	Details	Lead / Speaker
Morning <i>Lower Oder Valley National Park</i>	<i>Field trip</i> <ul style="list-style-type: none"> <li>• floodplain forests</li> <li>• water management</li> <li>• types of protected areas and their management</li> </ul>	Dr. Stefan Kreft <i>Natural Forest Academy</i>
Afternoon <i>Schorfheide-Chorin Biosphere Reserve</i>	<i>Field trip</i> <ul style="list-style-type: none"> <li>• fen woodlands</li> <li>• swamp forest</li> <li>• windthrow areas</li> <li>• post-glacial landscapes</li> </ul>	Dr. Martin Flade <i>Schorfheide-Chorin Biosphere Reserve</i>
<i>Overnight stay in Woltersdorf</i>		

Thursday, 5 <sup>th</sup> September 2024	Details	Lead / Speaker
Morning <i>Jüterbog</i>	<i>Field trip</i> – Post-fire forest regeneration (I) Dealing with damaged areas after forest fire	Dr. Andreas Meisner <i>Natural Forest Academy</i>
Afternoon <i>Treuenbrietzen</i>	<i>Field trip</i> – Post-fire forest regeneration (II) <ul style="list-style-type: none"> <li>• Vulnerability of forests</li> <li>• Management and restoration of forest fire areas</li> <li>• The project PYROPHOB</li> </ul>	Dr. Torsten Welle <i>Natural Forest Academy</i>
Evening <i>Bad Belzig</i>	Final Exam Evening event and dinner	
<i>Overnight stay in Bad Belzig</i>		
Friday, 6 <sup>th</sup> September 2024	Details	Lead / Speaker
Morning <i>Petkus</i>	<i>Field trip</i> – Ecological forest conversion (Forest area of Dieter Mennekes Umwelt Stiftung - DiMUS)	<i>t.b.a.</i>
Afternoon <i>Petkus</i>	Joint recap and discussion	
Approx. 16:00	Good bye and departure	

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