



## Schedule: Educating the Educators IV [Draft]




Thursday, 11 May 2023	
08:30- 09:30	<b>Conference Registration</b> <i>Central Hall</i>
09:30 – 10.00	<b>Welcome &amp; Opening</b> <i>Auditorium</i>
10.00 - 10.45	<b>Learning our way out of systemic global dysfunction: rethinking STEM education in the Capitalocene</b> <i>Auditorium</i>  <b>Prof. Dr. Ir. Arjen Wals</b> Wageningen University, The Netherlands
10:45- 11:00	Short Break (find your way to the meeting rooms)

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Round One 11:00 - 12:00	<b>MOST Policy Meeting</b> <i>Auditorium</i> <i>Note: This meeting will take 75 minutes instead of 60 minutes.</i>				
	<b>Workshops (Session 1)</b>			<b>Paper presentations (Session 1)</b>	
	<i>W1 Toen</i>  <b>Sustainability Education Movement for network leaders with the CARE-KNOW-DO Open Schooling Framework</b>  <i>Alexandra Okada &amp; Peter Gray</i>	<i>W2 Nu</i>  <b>Roles, Practices and Competencies of STEM-Teacher Educators</b>  <i>Sarah-Maria Rotschnig &amp; Stefan Zehetmeier</i>	 <i>W3 Ontwerp</i>  <b>Minecraft: Education Edition as a tool for PBL in STEM</b>  <i>Konstantinos Roumpas &amp; Gkogkas Grigoris</i>	 <i>Outdoor</i>  <b>Nature-based School Yard Safari</b>  <i>Marian Joven &amp; Mart Ottenheim</i>  <i>Note: this workshop takes 90 minutes instead of 60 minutes.</i>	<i>Live Science</i>  <b>Development of STEM Education in KUSH: Task Design for Inquiry-Based Learning through Lesson Study</b> <i>Minoru Ohtani</i> <b>Methods of Increasing the Attractivity of the Teacher-profession for Pre and In-STEM Teachers through Professional-Development and Career Advice</b> <i>Oliver Straser &amp; Barbara Degenhart</i> <b>Analysing the Perception of Families of an Open School-community Project on Climate Change</b> <i>Julia Gracia (et al.)</i>
12:00 - 13:30	<b>Lunch, Interactive Poster Gallery &amp; Materials Market</b> <i>Restaurant &amp; Auditorium &amp; Live science (incl. spotlight pitches)</i>				
13:30 – 14.15	<b>School-community Projects as Keys to Sustainability Education in the STEM Domains</b> <i>Auditorium</i> <b>Prof. Dr. Marta Romero Ariza</b> Most Project & University of Jaén, Spain <b>Prof. Dr. Katja Maaß</b> MOST-project & University of Education Freiburg, Germany				






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<b>Round Two</b>  <b>14.30 - 15.30</b>	<b>Workshops (Session 2)</b>			<b>Paper presentations (Session 2A)</b>	 <b>Paper presentations (Session 2B)</b>
	 <b>W1 Toen</b>  <b>Drawing on Drawing for Competence in Teaching Sustainability</b>  <i>Helena Bichao &amp; Jardar Cyvin</i>	 <b>W2 Nu</b>  <b>GEM</b>  <i>Vincent Jonker (et al.)</i>	<b>W3 Ontwerp</b>  <b>Teaching the Educators</b>  <i>Mart Ottenheim (et al.)</i>	<b>Auditorium</b>  <b>PATIS BIODIVERS: Engaging elementary students in authentic inquiry to improve the biodiversity of their schoolyard</b> <i>Arnau Amat &amp; Chadia Rammou</i>  <b>Science Fairs Through Virtual Environments</b> <i>Gokhan Kaya (et al.)</i>  <b>STEM Education through Real Life Contexts and Sustainability Issues: the teach4life case in Spain</b> <i>Marta Romero Ariza (et al.)</i>	
<b>15:30 - 16:00</b>	<b>Coffee &amp; Tea (Auditorium) &amp; SCP welcome (invitation only) by the EOSnet (Museum Café)</b>				









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<b>Round Three</b>  <b>16:00</b> - <b>17:30</b>	 <b>MOST Fair</b> Zaal 10			
	<b>Workshops (Session 3)</b>			
	 <b>W1 Toen</b>  <b>Educational Escape Games</b> <i>Rahel Brügger (et al.)</i>	 <b>W2 Nu</b>  <b>A Key-competence Approach to Teaching Standard Topics in STEM</b> <i>Michiel Doorman (et al.)</i>	 <b>W3 Ontwerp</b>  <b>Plastic Soup with Escape Boxes: Fostering Learning on Socio-Scientific Issues</b> <i>Alice Veldkamp &amp; Sanne Korte</i> <i>Note: Session is 75 minutes instead of 60 minutes.</i>	 <b>Outdoor</b>  <b>The Earth is (y)our Classroom</b> <i>Loes Van 't Hoff &amp; Marian Joven</i> <i>Note: this workshop takes 90 minutes instead of 60 minutes.</i>
	<b>Paper Presentations (Session 3A)</b> <i>Auditorium</i>  <b>Mathematical Modelling for Critical Citizenship</b> <i>Jimbo Juanito Villamor &amp; Catherine Vistro-Yu</i>  <b>How outdoor learning can support STEM and sustainability education in initial teacher training</b> <i>Christina Wolf &amp; Luana Monti Jermini</i>  <b>FLEBOCOLLECT: A Stem Education and Citizen Science Project</b> <i>Ángela Bermejo (et al.)</i>	<b>Paper Presentations (Session 3B)</b> <i>W4 Atelier</i>  <b>Educating the educators: an innovative M.Ed. program in Integrative STEM Education incorporating open schooling principles</b> <i>Noa Ragonis (et al.)</i>  <b>Involving Different Stakeholders in the Process of Designing, Implementing, and Evaluating a TLS about Air Pollution</b> <i>Èlia Tena (et al.)</i>  <b>The Fieldwork Concept in STEM Education: International students' perspectives and expectations before an Erasmus+ course about climate change</b> <i>Jardar Cyvin (et al.)</i>	<b>Paper Presentations (Session 3C)</b> <i>Live Science</i>  <b>Sustainable Development, Environment and Open Tools in School</b> <i>Beatriz Padín &amp; Elena Poncela</i>  <b>Teacher 'Transformations' of Mathematics Tasks from Project Materials to Classroom use: Looking beyond adaptations</b> <i>Michael Buhagiar(et al.)</i>  <b>Core Organisational Structures for Sustainable Implementation of Open Schooling in Science Education: Lessons learned from the COSMOS project</b> <i>Philippe Bastiaenssens (et al.)</i>  <b>Hands-on Commodity Science</b> <i>Susanne Gruber</i>	<b>Paper Presentations (Session 3D)</b> <i>Tribune</i>  <b>Facing the Transfer of Theory into STEM Classroom: Teacher professional development in open schooling and environmental issues</b> <i>Ana Abril (et al.)</i>  <b>Subject Matter Didactics for Connections between the Components of STEM</b> <i>Hannes Stoppel</i>  <b>Fostering learning on socio-scientific issues with escape games</b> <i>Alice Veldkamp (et al.)</i>  <b>Make It Open</b> <i>Roey Kafri</i>
<b>17:30 – 18:30</b>	<b>Exclusive museum visit &amp; materials market</b>			
<b>18:30 – 21.30</b>	<b>Dinner</b> <i>Restaurant</i>			

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Friday, 12 May 2023					
Round Four	Interactive Poster Gallery <i>Auditorium</i>				
	Workshops (Session 4)			Paper Presentations (Session 4A)	Paper Presentations (Session 4B)
9:00 - 10:00	 W1 Toen  3D-Printing in Sustainability Education <i>Oliver Straser</i>	 W2 Nu  Co-Designing of MathCityMap Trails in In-Service Teacher Education <i>Silvia Haringová &amp; Janka Medová</i>	 W3 Ontwerp  How to educate teachers for Sustainable Education <i>Angelique Logtenberg-Prins (et al.)</i>	<i>Live Science</i>  Kazakhstani Middle and High School Girls' Attitude About STEM Career Interest <i>Nuri Balta</i>  Challenging girls to engage in STEM activities in the context of an online summer school <i>Eleni Kli (et al.)</i>  STEM approach for Sustainability in the Economics classroom <i>Andrea Judit Mate-Klatyik</i>	<i>Zaal 10</i>  Use of New Technologies for the Challenges of the Future <i>Mathias Klaus Kirf &amp; Stephanie Eugster</i>  Context-based teaching for students' sustainability consciousness <i>Hanne Valde Thu (et al.)</i>  Integrated STEAM practice in Teacher Training: Get to know your Rubbish <i>María Antonia López-Luengo &amp; Belén Palop</i>
Round Five	Materials Market <i>Live Science</i>				
	Workshops (Session 5)			 Paper Presentations (Session 5A)	 Paper Presentations (Session 5B)
10:10 - 11:10	 W1 Toen  Tipping points: Bringing mathematical modelling of an Antarctic ice shelf into the classroom <i>Joe Shimwell &amp; Carol Davenport</i>	 W2 Nu  The Sustainable Educator <i>Jarla Geerts &amp; Angelique Logtenberg-Prins</i>	 W3 Ontwerp  Open Maths Meets Sustainability <i>Marloes van Hoeve &amp; Greg Alpar</i>	<i>Auditorium</i>  MOST-event in Norway for Primary Education <i>Rachel Cramp &amp; Caroline Lewis-Jones</i>  What Are The Skills Teachers Need To Implement Open Schooling Projects? <i>Metin Sardag (et al.)</i>  Promoting teacher competencies towards sustainability conducted through STEAM interventions in IndagaSTEAM Escuela Project <i>Teresa Lupion-Cobos (et al.)</i>	<i>Zaal 10</i>  Instructions for schools on how to organise SCP <i>Lucas Weinberg &amp; Suzanne Kapelari,</i>  Let's build gender-inclusive STEM culture! <i>María Martín-Peciña (et al.)</i>  A teaching session on Environmental socio-scientific issues for prospective mathematics teachers <i>Katerina Bogiatzi (et al.)</i>

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11:10- 11:30	Coffee Break
11:30- 12:30	<p>Panel Discussion: How do we envision education-oriented communities to stand-up for sustainability? <i>Auditorium</i></p> <p>Jesper Boesen Jönköping University, Sweden – moderator Rivka Meelis FridaysForFuture, Netherlands – student Yolanda Garrido School Alfredo Cazabán, Spain – teacher Caroline Lewis-Jones Birralee International School, Norway – school leader José María Sanchís Conselleria d'Educacio de Valencia, Spain – policy maker Jiří Kulich The Rýchory Centre of Environmental Education and Ethics, Czech Republic – NGO</p>
12:30 – 12:45	<p>Closure <i>Auditorium</i></p>
12:45 – 13:30	<p>Lunch <i>Restaurant</i></p>
	End of Program