

This project has been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

The Mediation of Experiences by Technology in the Outdoors

Opening or Losing Connections with the World

Conference programme

19th – 23rd September 2018

CŠOD Bohinj, Ribčev Laz 63, 4265 Bohinjsko Jezero, Slovenia

Wednesday, 19th September 2018	
13.00 – 17.00	Arrival and registration
17.00 – 18.00	**Branko Kumer, CŠOD director** **Chris Loynes, EOE chair** **Majda Odar, Triglav national park** **Setting the Scene**
18.00 – 19.00	**Domen Uršič: Integration of School in Nature in the Slovenian school system**
19.00	Time for dinner
20.30	**Nonformal gathering, social games**

Thursday, 20th September 2018 - CHANGES OF TECHNOLOGY AND EXPERIENCES SINCE 1980 IN VARIOUS NATURAL SPACES SUCH AS WOODS, RIVERS, MOUNTAINS, SEA …	
7.30 – 8.30	Time for breakfast
9.00 – 10.00	**dr. Jernej Pikalo, Minister of Education, Science and Sport Slovenia**
10.00 – 11.00	**Keynote speech Christopher Loynes: *Outdoor Technologies: ancient and modern*** **University of Cumbria, UK** Moderator Peter Becker, (delegates will need mobile phones)

11.00 – 11.30 Coffee break in the dining room

	The Mountain lecture room, Moderator Geoff Cooper	The Lake lecture room or open-air room, Moderator Irena Kokalj	
11.30 – 12.00	**Tomas Aylward** Institute of Technology Tralee, Ireland *The changing relationship between technology and my expedition practice: the effect of choices, changes and EU policies*	**Anna Margret Tomasdottir** Camp Laugar UMFÍ, Iceland *No tech camp*	
12.00 – 12.30	**Martin Lindner** University of Marburg, Germany *Why should you walk along a ridge if you cannot fall down? - The risk of a total safety approach in a European perspective*	**Barbora Appelová** Lipka – school facility for environmental education, Czech Republic *Use of cave environment and speleological techniques in leisure-time education*	
12.30 – 13.00	**John Quay** University of Melbourne, Australia *Heidegger's question concerning technology and its relevance for outdoor education*	**Katja Primožič** CŠOD, Slovenia *New Technology and the Real World Learning*	

13.00 – 14.30 Time for lunch

	The Mountain lecture room, Moderator Tanja Liimatainen	The Lake lecture room or open-air room, Workshop	In front of the entrance, Workshop
14.30 – 15.00	**Susan Porter** Plymouth Marjon University, UK *The pedagogy of technology in outdoor learning*	**Tone Verderber** CŠOD, Slovenia *Confronting renewable resources in outdoor education, 90 min workshop*	**Tanja Liimatainen** Nuorisokeskus Metsäkartano, Finland *Facing nature fear with the help of modern technology, 45 min workshop*
15.00 – 15.30	**Mike King** Releasing Potential, UK *Opening Connections with the World: Recording Outcomes for At-Risk Children through Outdoor Education and Data Technology*		

15.30 – 16.00 Coffee break

	The Mountain lecture room, Workshop	The Lake lecture room or open-air room, Workshop	In front of the entrance, Workshop
16.00 – 17.30	**Ildikó Kocsis, Gábor Imre** Hungarian Foundation for Experiential Learning , Hungary *Leave the Ground and feel the Change, 90 min workshop*	**Yesim Tunali Flynn, Fennessy Jenny** Turkey *Exploring Biophilia : Our innate connection to nature and Life and the role of technology in connecting us back to nature and ourselves, 90 min workshop*	**Dragica Radojevič, Ela Rupert, Klemen Banko** Zavod sv. Stanislava, Slovenia *Unique natural patterns and My personalized pencil, 90 min workshop*
17.30 – 18.30	The Mountain lecture room **Zoran Petrov:** *CŠOD Mission - Mobile Outdoor Learning App (presentation)*		

18.30 – 20.00 Time for dinner

	The Mountain lecture room, **Poster presentation**, Moderator Zoran Petrov	
20.00 – 20.30	**Radek Durna**, Masaryk University, Czech Republic	*The Use of Cartographic Tools in Geographical Outdoor Education at Czech Elementary Schools, 10 min poster presentation*
	Mark Lawton, University of Cumbria, UK	*Acoustic Augmented Reality, 10 min poster presentation*
	Graham French, Bangor University, UK	*Golng Pro: The use of POV cameras in adventure sports research, 10 min poster presentation*
20.30	**The Mountain lecture room, Members' Market Place,** short presentation of participants' organisations, Moderator Zoran Petrov	

21.00 Free evening activities – campfire

Friday, 21st September 2018 - USES AND CONSEQUENCES OF DIGITAL EQUIPMENT IN THE OUTDOORS

7.30 – 8.30 Outdoor breakfast, possible morning swimming

	The Mountain lecture room, Moderator Chris Loynes	The Lake lecture room or open-air room, Moderator Živa Pečavar	
9.00 – 9.30	**Seppo Karppinen** University of Oulu, Finland *Outdoor Learning Didactics and New Technology - more than a sum of parts*	**Jari Kujala** Suomen Nuorisokeskusten yhdistys, Finland *Hybrid spaces of Outdoors*	
9.30 – 10.00	**Hana Svobodová** Masarykova univerzita, Pedagogická fakulta, Czech Republic *ActiGraph Measurement of Primary School Pupils' Physical Activity during Outdoor Education*	**Jerca Šolar Rihtar** Osnovna šola Gorje, Slovenia *Tablets/mobile phones and spring meadow*	
10.00 – 10.30	**Graham French** Bangor University, UK *More than Lifeproof: Developing digital competence through outdoor learning*	**Lili Baričič** CŠOD, Slovenia *The Use of ICT Technology in the Project Week Entitled "Sea, Do I Know You?"*	

11.00 – 11.30 Coffee break

	The Mountain lecture room, Moderator Richard Irvine	The Lake lecture room or open-air room, Moderator Živa Pečavar	
11.30 – 12.00	**Jørgen Eriksen** Norwegian School of Sport Sciences, Norway *Do we need digital devices in Outdoor Education?*	**Mirjam Čebulc** CŠOD, Slovenia *Using technology to create a thirst for knowledge with children in underprivileged Romani communities*	**Mira Korošec, Dejan Putrle** CŠOD, Slovenia *Hidden Camera*
12.00 – 12.30	**Ilkka Ratinen** University of Lapland, Finland *Student Teachers' Visions of Learning Outdoors*	**Abigail Gurr, Stuart Watson** Plymouth Marjon University, UK *Augmented reality smart-glasses in outdoor education; exploring the potential for supporting the social and emotional development of autistic young people.*	**Zoran Petrov** CŠOD, Slovenia *CŠOD Mission - Mobile Outdoor Learning App (practical experience), 60 min workshop*
12.30 – 13.00	**Lauren Hinchman** Principia College, USA *Unplugged College Students on an Outdoor Leadership Study Abroad Program*	**Ogorevc Ahačič Katja** Primary school Šenčur, Slovenia *Interdisciplinary Approach or Cross-Curricular Learning on a School Sports Day*	

13.00 – 14.30 Time for lunch

	The Mountain lecture room, Workshop	The Lake lecture room or open-air room, Workshop	In front of the entrance, Workshop
14.30 – 15.30	**Jussi Muittari, Anita Saaranen-Kauppinen** Humanistinen Ammattikorkeakoulu, Finland *Safer outdoor and adventure activities by utilising digital technology – case snow safety, 45 min workshop*	**Katarina Kadivec** Naravoslovnotehniška fakulteta, Slovenia *Kamen-check - learning application for rock recognition, 45 min workshop*	**Lilia Kostova** Bulgaria *Google education - tips and tricks, 45 min workshop*

15.30 – 16.00 Coffee break

16.00 – 17.30 **Round table discussion: experts from different fields (different coutries)**

18.30 – 20.00	Time for dinner
20.00 – 21.00	**Special Interest Groups, Opportunity to meet, exchange ideas and develop projects**
	The Mountain lecture room A: **Universitiy group** - moderator Martin Lindner
	The Mountain lecture room B: **European Network of Outdoor Centres, ENOC** - moderator Geoff Cooper
	The Lake lecture room C: **Policy group** - moderator Chris Loynes
	Teachers' Lounge: **Preschool outdoor education** - moderator Zoran Petrov
	Cloud Seminar room 3rd floor: **Breaking Barriers** (for young people with different disabiliites)- moderator Tomas Aylward
	Dining room: **Youth exchange Usefully addicted** - moderator Emil Mumel

Saturday, 22nd September 2018 - USES AND CONSEQUENCES OF TECHNOLOGY IN THE AESTHETIC APPROACHES TO THE OUTDOORS

7.30 – 8.30 Time for breakfast

	The Mountain lecture room, Moderator Martin Lindner	The Lake lecture room or open-air room, Moderator Igor Puhan	
9.00 – 9.30	**Salvador Cidrás Robles, Vicente Blanco** Universidad de Santiago de Compostela, Spain *Art and Civic Education in Biodiversity*	**Diane Collins, Barbara Humberstone** Journeying Gently, UK *Using Creative Aesthetic Technologies to Connect with the Outdoors through the Senses*	
9.30 – 10.00	**Orla Kelly** Dublin City University, Ireland *Stimulating meaning-making for digital natives: a teaching & learning approach using aesthetic technologies and natural settings*	**Kirsti Gurholt Pedersen** Norwegian School of Sport Sciences, Norway *Digital Narratives of Snowy Mountain Experiences: An Aesthetic Pedagogical Design to Stimulate Students' Academic Reflection*	
10.00 – 10.30	**TA. Loeffler** Memorial University of Newfoundland, Canada, Plymouth Marjon University, UK *Encounters with Technology in Higher Education - Engaging Students using Social Media*	**Georgiana Keable** The Story of Nature and the Nature of Story, UK *Storytelling as contemporary and aesthetic technology mediating relations with the outdoors*	

11.00 – 11.30 Coffee break

	The Mountain lecture room, Workshop	The Lake lecture room or open-air room, Workshop	In front of the entrance, Workshop
11.30 – 13.00	**Dag Svein Roland** Volda University College, Norway *Communicating outdoor adventure and experiences, 90 min workshop*	**Richard Irvine** UK *Woodcraft and knife skills in outdoor programmes. A practical workshop exploring knife use and the ideas of Otto Salomon and Educational Sloyd, 90 min workshop*	**Geoff Cooper** UK *Using digital technology and traditional methods to connect with Nature, 90 min workshop*

13.00 – 14.30	Time for lunch
14.30 – 18.00	Study visits: **The Savica Waterfall,** hiking, 4 hours, 3 € for the entrance fee
	Study visits: **The Mostnice Gorge**, hiking/canoes, 4 hours, 3 € for the entrance fee, max 22 persons
	Study visits: **Canoeing on Lake Bohinj**, 3 hours, max 19 persons
	Study visits: **Geographical and historical cycling tour of Bohinj**, 4 hours, max 18 persons
18.30 – 20.00	Time for dinner
19.00	The Mountain lecture room: **Annual general meeting EOE (for EOE members and others)**
20.00	**Special interest groups reporting**
20.30	**Study-visits presentation**
21.00	**Evening gathering around the campfire / Social evening with Slovenian folk music/**

Sunday, 23rd September 2018 - THE MEDIATION OF EXPERIENCES BY TECHNOLOGY IN THE OUTDOORS – OPENING OR LOSING CONNECTIONS WITH THE WORLD

7.30 – 8.30 Time for breakfast

	The Mountain lecture room, Moderator Tomas Aylward	The Lake lecture room or open-air room, Moderator Simona Ž. Menart	Lecture room
9.00 – 9.30	**Fiona Nicholls** Plymouth Marjon University, UK *'Through the eyes of the beholder': Using student led photo elicitation for 'meaning making' in outdoor educational research*	**Heather Prince** University of Cumbria, UK *Capturing experiences in the outdoors using social networking sites through photo-elicitation*	
9.30 – 10.00	**Aevar Adalsteinsson** University of Iceland, Iceland *Place based Outdoor Education - The place and the moment, the soul and the stories.*	**Eva Jeler Fegeš, Dragoš Alenka** Gimnazija Šentvid Ljubljana, Slovenia *The use of geographical applications on smartphones at the field work in schools*	
10.00 – 11.00	**TA. Loeffler** Memorial University of Newfoundland, Canada *Digital as Double-Edged Sword: Reflecting on a Decade of Utilizing Digital Communications from Wild Outdoor Places, 45 min workshop*		
11.30 – 12.30	**Plenary session -** moderators**, conference conclusion, plans for EOE 2019**		

12.30 EOE board meeting

13.00 – 14.30 Time for lunch

14.00 Bus transfer to Ljubljana (via Lesce-Bled railway station, Brnik-Ljubljana airport)

15.00 – 19.00 **Post conference trip to Mount Vogel**, walking/cable car, 4 hours, 20 € for a return cable car ticket and the chairlift to Orlove glave