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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** **Triglav national park**
18.00 – 19.00	**Setting the Scene** **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** Moderator Peter Becker

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	
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*	
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*	**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*
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*	
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*	**Dragica Radojevič, Ela Rupert, Klemen Banko** Zavod sv. Stanislava, Slovenia *Unique natural patterns and My personalized pencil, 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*	**Mira Korošec, Dejan Putrle** CŠOD, Slovenia *Hidden Camera*
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*	**Tanja Liimatainen** Nuorisokeskus Metsäkartano, Finland *Facing nature fear with the help of modern technology, 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