

art+science: makers 2018

Belgrade, Serbia

The Center for the Promotion of Science (CPN) started to initiate, foster and support diverse art & science activities back in 2014 after its involvement in the *European Digital Art and Science Network* project. As a member of the Network, CPN has contributed in shaping the first sustainable, live network able to bring together and collide creative minds coming from seemingly opposed disciplines – arts and sciences. On the local level, its existence proved beneficial for the Center in reaching its mission to bring science closer to the population and to increase general scientific literacy among wider audience.

This year is seen as an opportunity for a more specific, focused activity. In 2018 CPN has opened its Makers Space, with the whole year dedicated to Maker culture. Starting from November 13, at several locations around Belgrade, CPN is launching its third annual, one-month long **art+science:makers** program, including exhibitions, two-day international conference, educational workshops and other activities.

Maker culture, fueled by increasing availability of cheap and easily hacked technology, digital fabrication devices, open source hardware and sensors, now allows artists, scientists and other creative minds to extend their visions beyond traditional forms, and to create works that audiences can respond to and interact with directly. Professional and amateur inventors, crafters, hackers, artists, scientists, engineers, designers, teachers and activists of all ages and backgrounds, are currently transforming their environments by choosing to modify, assemble, create, disassemble, recreate, duplicate and share objects and concepts through open and collaborative networks. Through maker spaces, social and cultural actors are inspired to engage with science and technology in collaborating and creating widely diversified artworks, platforms and peer-production communities.

CPN's publicly available, innovation-oriented, collaborative workspace has, in its short existence, hosted artists and scientists, and witnessed the start of many new partnerships. The goal of exhibition part is to present some of these collaborative projects and to mark Makers space as a common denominator for art and science, as a place that can catalyze innovation, foster new ideas, thinking and knowledge making.

The highlight of this year's program is reserved for an international conference on November 14, with participation of renowned European experts and practitioners, coming from Ars Electronica, Waag Society, PERFORM project, and several renowned European universities. The main goal of this event will be presentation of recent, novel and inspirational practices, exchange of ideas and approaches, and networking between national and international peers. Under the maker's umbrella, relations between diverse actors in the field of art & science will be tackled and analyzed, in constant dialogue between informal and formal educational settings.

At the same time, a new initiative bringing together many existing and novel partners is going to be put on the continent's stage: *European ARTificial Intelligence Lab*, a three-year long Creative Europe project with 13 partners, coordinated by the Ars Electronica and supported by major scientific institutions and AI-oriented industry.

Opening Week

November 12 & 13 (Monday, Tuesday)

European ARTificial Intelligence Lab kick-off meeting
(internal meetings – CPN Science Club (Monday), Cervantes Institute (Tuesday))

November 13 (Tuesday)

18h Exhibition opening, Cervantes Institute
19h Exhibition opening, Museum of Applied Arts

November 14 (Wednesday)

9-18:30h Conference, Faculty of Dramatic Arts
20h BUFFER, dance-tech performance, Bitef theatre
21h a+s+m party, Bitef theatre

November 15 (Thursday)

11-17h Makers Jam Session, Makers Space CPN

November 17 & 18 (Saturday, Sunday)

? Kersnikova Institute workshops, CPN Science Club

art+science:makers Conference		
Wednesday, November 14 th , 2018		
Faculty of Dramatic Arts, University of Arts in Belgrade		
9:00	REGISTRATION	coffee & snacks
10:00	WELCOME SPEECHES	
	Dr Ana Martinoli	Vice Dean, Faculty of Dramatic Arts
	Dr Marko Krstic	Acting Director, Center for the Promotion of Science
	Ana Ilic	Advisor to the Prime Minister of Serbia
	tbc	Ministry of Education, Science and Technological Development of the Republic of Serbia
	tbc	Ministry of Culture and Information of the Republic of Serbia
	host: Dobrivoje Lale Eric , Head of Department of International Cooperation, CPN	
10:30	PLENARY SESSION 1	
	point making	Hall Mata Milosevic
	convenor and introduction: Dobrivoje Lale Eric , CPN	
10:45	Veronika Liebl	Ars Electronica, Austria
11:00	Dr Maria Heras Lopez	Institute of Environmental Science and Technology, Universitat Autònoma de Barcelona, Spain; PERFORM H2020 project
11:15	Dr Aleksandra Jovanic	Faculty of Fine Arts, Serbia
11:30	Discussion	
11:45	COFFEE BREAK AND GROUP PHOTO IN THE HALL	
12:00	PARALLEL SESSIONS 1	
a1	art+science making	Hall Mata Milosevic
	convenor: Marjana Brkic , CPN	
	introduction note	
12:05	Dr Francis Heylighen and Katarina Petrovic	Leo Apostel Center, Vrije University, Belgium ArtScience Forum, Netherlands/Serbia
	panelists	
12:25	Dr Dragana Ilic	Department of Astronomy, Faculty of Mathematics, Serbia
12:35	Jasna Jovicevic	Musician and composer, Serbia
12:45	Zarko Aleksic	Academy of Fine Arts, Austria/Serbia
12:55	Discussion	
b1	AI Lab making	Cinema Hall
	convenor: Jessica Galirow , Ars Electronica, Austria	
12:05	Mikael Fock and Barbara Scherfig	Culture Yard, Denmark
12:15	Antoine Conjard and Lea Deshusses	Hexagone Scene Nationale Arts Sciences, France
12:25	Sandro Lominashvili and Tamara Janashia	SOU Festival, Georgia

12:35	Mariano Salvador	Etopia Center for Art and Technology, Spain
12:45	Theodora Vougiouka and Heracles Papatheodorou	Onassis Cultural Centre, Greece
12:55	Discussion	
c1	Virtual actor making by Art.D. Mina Cvetinovic Pavkov , Academy of Arts, Novi Sad and Slobodan Danilovic , Take One, Serbia max. 50 persons – pre-registered only	
13:15	LUNCH BREAK	
13:15	Tour 1: Faculty of Dramatic Arts: 70 years of theatre, film, radio and TV start at the main hall – pre-registration only (max. 30 persons)	
14:00	Tour 2: Faculty of Dramatic Arts: 70 years of theatre, film, radio and TV start at the main hall – pre-registration only (max. 30 persons)	
14:45	PARALLEL SESSIONS 2	
a2	knowledge making	Hall Mata Milosevic
	convenor: Dr Tanja Adnadjevic , CPN	
	introduction note	
14:50	Dr Ana Martinoli	Faculty of Dramatic Arts, Serbia
	panelists	
15:05	Svetlana Maras	Composer and sound artist, Radio Belgrade's Electronic Studio, Serbia
15:15	Mireia Bes Garcia	University of Bristol, UK
15:25	Dr Uros Krcadinac	Faculty of Media and Communication, Serbia
15:35	Discussion	
b2	creative industries making	Cinema Hall
	convenor: Jasna Dimitrijevic , Ilija M. Kolarac Endowment, Serbia	
	introduction note	
14:50	Dr Tijana Palkovljevic Bugarski	Gallery of Matica srpska, Serbia
	panelists	
15:05	Veronika Liebl	Ars Electronica, Austria
15:15	Milica Mastilovic	3Lateral, Serbia
15:25	Igor Zarol	Origin Tales Studio, Serbia
15:35	Discussion	
c2	Interactive Art Lab, Faculty of Dramatic Arts - visit max. 10 persons – pre-registered only	
15:55	PARALLEL SESSIONS 3	
a3	audience making	Hall Mata Milosevic
	convenor: Petar Lausevic , CPN	
	introduction note	
16:00	Dragan Ilic	Artist, Serbia/Australia/USA

	panelists	
16:15	Darija Medic	Media researcher and artist, DiploFoundation, Serbia
16:25	Miha Tursic	Waag, Netherlands
16:35	<i>tbc</i>	<i>tbc</i>
16:45	Discussion	
b3	<i>opportunity making</i>	Cinema Hall
	convenor: Dr Ljiljana Rogac Mijatovic , Faculty of Dramatic Arts, Serbia	
	introduction note	
16:00	Dusan Kalicanin and Vuk Radulovic	Foundation Novi Sad 2021, Serbia
	panelists	
16:20	Milica Pekic	G12HUB, NELT educational program, Serbia
16:30	Ivana Rusnakova	Creative Industry / Kunsthalle Kosice, Slovakia
16:40	Dimitrije Tadic	Creative Europe Desk, Serbia
16:50	Discussion	
c3	Interactive Art Lab, Faculty of Dramatic Arts - visit max. 10 persons – pre-registered only	
17:00	COFFEE BREAK	
17:15	PLENARY SESSION 2	
	<i>makers making</i>	Hall Mata Milosevic
	convenor: Dobrivoje Lale Eric , CPN	
17:20	Christian Svensson	Lunds Öppna Verkstad, Sweden
17:35	Dr Greg Gage	Backyard Brains, USA
17:50	Karla Spiluttini	Ars Electronica Festival, Austria
18:05	Discussion	
18:20	Closing remarks and the end of the Conference	

Makers Jam SessionNovember 15th, 2018

Maker's Space CPN, Kralja Petra 46, Belgrade

11:00 WELCOME NOTES**11:15** Free flow musical data workshop **Svetlana Maras**, Composer and sound artist, Radio Belgrade's Electronic Studio, Serbia**12:30** Inspirational talk 1 **Christian Svensson**, Lunds Öppna Verkstad, Sweden**13:00** Inspirational talk 2 **Karla Spiluttini**, Ars Electronica Festival, Austria**13:30** Inspirational talk 3 **Jasna Jovicevic**, Musician and composer, Serbia**14:00 LUNCH BREAK****15:00** Hands-on workshop **Dr Greg Gage**, Backyard Brains, USA**16:00** Inspirational talk 4: **Dr Uros Krcadinac**, Faculty of Media and Communication, Serbia**17:00 CLOSING**