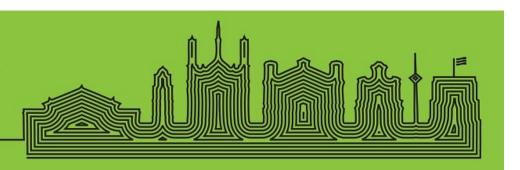


Constructionism 2018

Constructionism, computational thinking and educational innovation

Vilnius, Lithuania, August 21 to 25



PROGRAMME

9.00 – 10.00) Registration				
10.00 – 12.00	Welcome and Plenary Speakers				
12.00 – 13.00					
13.00 – 15.00	Workshops in parallel				
	Workshop 1: Dynamic Teaching Ideas for teaching Music Theory. Judith Bell (New Zealand)				
	Target audience: primary school teachers & music teachers				
	Workshop 3: Developing Algebraic habits of mind in students. Paul Goldenberg (USA)				
	Target audience: mathematics teachers for students ages 11–18				
	Workshop 4 : Puzzles & Programming to develop mathematical habits of mind in children. Paul Goldenberg (USA) Target audience: primary school teachers for students ages: 6–10				
	Workshop 5: Powerful ideas in lower primary programming: high time to recognize them. Ivan Kalaš (Slovakia)				
	Target audience: educators interested in lower primary computing (pupils aged 5 to 9) and general primary teachers				
	Workshop 6: SNAP! - Beauty & Joy of Computing (visually). Witek Kranas (Poland)				
	Target audience: informatics teachers, lower and upper secondary schools (6-12 grades).				
	Workshop 7: ViLLE – Electronic Learning Path for Mathematics and Programming. Mikko-Jussi Laakso (Finland) Target audience: primary school teachers				
	Workshop 8: Constructionism in Action: Do we Need to Start from Scratch? Evgenia Sendova, Nikolina Nikolova.				
	(Bulgaria)				
	Target audience: all teachers Workshop 9: Teaching Coding and Physical Computing. Gary Stager (USA)				
	Target audience: all teachers				
	Workshop 10: The Essence of Programming at School – Logo in a Spiral Curriculum. Jacqueline Staub (Switzerland)				
	Target audience: primary and lower secondary school teachers				
	Workshop 11: How to Create and Sustain a Progressive Pedagogy in a Traditional Setting (Roundtable Discussion).				
	Carol Sperry Suziedelis (USA)				
	Target audience: all teachers				
	Workshop 12: Informatics in the UK Schools: Reality and Challenges. Algirdas Pakštas (Lithuania)				
	Target audience: informatics teachers, lower and upper secondary schools (6-12 grades).				
5.00 – 15.30	Coffee break				
	Workshops in parallel				
	Workshop 2: Computer Science Unplugged for Teachers. Tim Bell (New Zealand)				
	Target audience: primary school teachers Workshop 5: Powerful ideas in lower primary programming: high time to recognize them. Ivan Kalaš (Slovakia)				
	Target audience: educators interested in lower primary computing (pupils aged 5 to 9) and general primary teachers				
	Workshop 6: SNAP! - Beauty & Joy of Computing (visually). Witek Kranas (Poland)				
	Target audience: informatics teachers, lower and upper secondary schools (6-12 grades).				
	Workshop 7: ViLLE – Electronic Learning Path for Mathematics and Programming. Mikko-Jussi Laakso (Finland)				
	Target audience: primary school teachers				
	Workshop 8: Constructionism in Action: Do we Need to Start from Scratch? Evgenia Sendova, Nikolina Nikolova.				
	(Bulgaria)				
	Target audience: all teachers				
	Workshop 9: Teaching Coding and Physical Computing. Gary Stager (USA)				
	Target audience: all teachers Workshop 10: The Essence of Programming at School – Logo in a Spiral Curriculum. Jacqueline Staub (Switzerland)				
	Target audience: primary and lower secondary school teachers				
	Workshop 11: How to Create and Sustain a Progressive Pedagogy in a Traditional Setting (Roundtable Discussion).				
	Carol Sperry Suziedelis (USA)				
	Target audience: all teachers				
	Workshop 12: Informatics in the UK Schools: Reallity and Challenges. Algirdas Pakštas (Lithuania)				
	Target audience: informatics teachers, lower and upper secondary schools (6-12 grades).				
7.00 – 18.00	Reflections and Panel Discussion				

Tuesday, Augu	ust 21, 2018					
8.30 – all day	Registration					
10.00 – 11.30	Excursion to Old Vilnius University					
11.30 – 13.00	Excursion to Old Vilnius Univer	rsity				
14.30 – 16.00	Opening					
	Rimantas Želvys Plenary Speaker 1					
16.00 – 16.30	Coffee break					
16.30 – 17.15	Plenary Speaker 2					
17.15 – 18.00	Panel Discussion					
18.00 – 19.00	Welcome Reception					
Wednesday, A	August 22, 2018					
8.30 – 11.00	Plenary Speaker 3	Plenar	y Speaker 4	Plenary Speaker 5		
	+	5.	+ .	+ Discussion		
11.00 11.00		Discussion Discussion				
11.00 – 11.30 11.30 – 13.30	Coffee break					
	Paper session 1	Pape	r session 2	Paper session 3		
13.30 – 14.30						
14.30 – 16.00	Working Group1 Working Group 2		ng Group 5 ng Group 6	Working Group 4 Demonstrations		
	Working Group 3		ng Group 7	Posters		
16.00 – 16.30	Coffee break					
16.30 – 18.00	Paper session 4	Pape	r session 5	Workshop 1 Workshop 2		
Thursday, Aug	gust 23, 2018					
8.30 – 11.00	Plenary Speaker 6	Plenar	y Speaker 7	Plenary Speaker 8		
	Discussion	Dis	scussion	Discussion		
11.30 – 13.30	Paper session 6	Pape	r session 7	Paper session 8		
	Excursion					
	Dinner					
Friday, Augus	t 24. 2018					
8.30 – 11.00	Plenary Speaker 9	Plenary	Speaker 10	Plenary Speaker 11		
0.00	+	l lonary	+	+		
	Discussion	Dis	scussion	Discussion		
11.00 – 11.30	Coffee break					
	Paper session 9 Paper session 10		session 10	Workshop 3 Workshop 4		
13.30 – 14.30						
14.30 – 14.00	Plenary Speaker 12	Plenary	Speaker 13	Plenary Speaker 14		
	+		+	+		
			scussion	Discussion		
16.00 – 16.30				Madalaa F		
16.30 – 18.00	Paper session 11	Paper	session 12	Workshop 5 Workshop 6		
Saturday, Aug	just 25, 2018					
8.30 – 11.00	Plenary Speaker 15	Plenary Speaker 16	Plenary Speaker	Plenary Speaker 18		
	+ Discussion	+ Discussion	+ Discussion	+ Discussion		
11.00 – 11.30	1			DISCUSSION		
	Post Conference Excursions					
13.00 – 20.00	(not included in Conference Fe	ee)				