Constructionism 2018
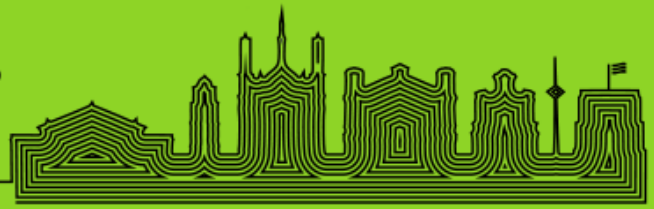Constructionism, computational thinking
and educational innovation

Vilnius, Lithuania, August 21 to 25

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Valentina Dagienė is principal researcher and head of Department of Education Systems Group in Vilnius University's Institute of Data Science and Digital Technologies. She takes care of research on Informatics (Computer Science) in secondary schools as well as. She has published over 200 scientific papers and 60 books on Informatics education. She is an Editor-in-Chief of two international journals "Informatics in Education" and "Olympiads in Informatics". She established an International conference on Olympiads in Informatics organized annually (Croatia 2007, Egypt 2008, Bulgaria 2009, Canada 2010, Thailand 2011, Italy 2012, Australia 2013, Taiwan 2014, Kazakhstan 2015, Russia 2016, Iran 2017). She was involved in Eurologo conferences and scientific committee since their beginning. She is one of the Logo community patriarchs in Lithuania in early 80's.

In 2004 she established the International Challenge on Informatics and Computational Thinking BEBRAS (Beaver) which has been organizing in over 50 countries. She coordinated over 30 national and international projects on teaching coding to children and youngsters, technology enhanced learning, ICT introduction to education, teacher trainings, development of education software, software localization and internationalization. She is acknowledged by dozen awards on Education of Informatics, among them most important ETH (Zurich) honorary gold medal for contributions to School Informatics in Europe (2011), Global ICT Excellence Award (Merit winner) from WITSA (2013), Lithuanian IT industry award for outstanding contribution to IT and promotion of Lithuania worldwide (2014), the Informatics Europe Best Practices in Education Award (2015), Ada Lovelace Computing Excellence Award by the European Commission´s (2016), and the Cross of the Knight of the Order of the Lithuanian Grand Duke Gediminas (2016).