

School on the Cloud's third conference

"School on the Cloud: a roadmap to a new teaching and learning paradigm"

Friday, 18 November 2016, Flemish Parliament, Leuvenseweg 86, B-1000 Brussels, Belgium

8:30 - 9:30 Registration, welcome & coffee

De Schelp

9:30 - 10:30 Welcome and SoC overview

De Schelp

- **Raymonda Verdyck**, managing director of GO!
- **Konstantinos Doukas**, Doukas School CEO
- **Sofie De Cupere**, core partner of SoC

10:30 - 11:30 Keynote speech, School in the Cloud meets School on the Cloud

De Schelp

- **Sugata Mitra**, Professor of Educational Technology at the School of Education, Communication and Language Sciences at Newcastle University, England

11:30 - 13:00 School on the Cloud workshops *

- **WG iFuture:** The Future of Cloud-based Education Van Dyckzaal
- **WG iLeader:** What Kind of Educational Leadership for the Cloud? Bruegelzaal
- **WG iLearner:** The Method of Cloud-based learning Van Eyckzaal
- **WG iTeacher:** The Impact of Cloud-based Teaching Rubenszaal

13:00 - 14:00 Lunch

Zuilenzaal

14:00 - 16:00 Labs **

- **Microsoft Education Solutions in the Cloud** De Schelp
- **How to make a dynamic Cloud book by mixing Apple & Google apps** De Saedeleerzaal
- **Teaching STEM through the Internet of Things with SAM Labs and Proximus** Van Eyckzaal
- **iTalk: Cloud-based Research within Everyone's Reach** Rubenszaal
- **GO! 3.0: How Service Design can improve the Learning Processes in your School** Bruegelzaal
- **Design a Cloud with your Pupils using Raspberry Pi?** Permekezaal
- **Doukas School Cloud Success Stories** Van Dyckzaal

16:00 - 17:00 Keynote speakers

De Schelp

- **Ewan McIntosh**, Founder & CEO, NoTosh Limited Learning | Design Thinking
- **Karl Donert**, Expert in European educational perspectives, focused on the use of ICT, social media, e-learning, Web 2.0 and geographic (geo-)media.

* School on the Cloud workshops.

WG iFuture: The Future of Cloud-based Education

Technology has long been at the heart of several efforts to forecast the future of education. This presentation focuses on three attempts made within SoC , in relation with the interface of Cloud computing and education, as well as new trends and changes in society, technology, education and innovation. As a result, four scenarios were deduced about how Cloud-based education in Europe might develop by 2025. The workshop ends with a debate on the implications of Cloud-based education and the policy changes that will be necessary in the future.

Language: English

WG iLeader: What Kind of Educational Leadership for the Cloud?

What does it take to become a positive and effective leader in Cloud-based education? What are the challenges? What kind of policy will be needed in the future, what means and guidelines are available? What chances lie ahead in supporting Cloud leaders who are eager to innovate our educational system? In short, this workshop's target is to explore future needs and opportunities to set up new projects. If you are interested, please do start your contribution at: <https://www.surveymonkey.co.uk/r/P9YZWMM>

Language: English/Dutch

WG iLearner: The Method of Cloud-based learning

How can you organise and include Cloud-based learning in your curriculum? This workshop will give you the answer. First we will focus on how we look at Cloud-based teaching, combined with personalised learning. What makes personalised learning on the Cloud successful? A list of criteria - derived from research done - will be presented and used as a basis to evaluate some practical examples. Finally it will be up to you to set up a good course, using the correct method of Cloud-based learning.

Language: English/Dutch

WG iTeacher: The Impact of Cloud-based Teaching

What impact does Cloud-based teaching and teacher education have on teachers and trainers? Five PechaKucha's will guide you through our answers to this question. We would like to know your opinion on that matter, so feel free to join our discussion. After that you will be shown an online catalogue of platforms, tools and apps for teachers, trainers and educators. Quite a magnificent tool for integrating digital means into education. Come and check it out!

Language: English/Dutch

Microsoft Education Solutions in the Cloud

Microsoft provides a broad range of solutions in the Cloud to help the digital transformation of schools, teachers and students. This workshop will showcase the added value of Office 365 Education in the classroom and in the school, with tools like Microsoft Classroom, Onenote and other add-ins for Office.

Language: English/Dutch

How to make a dynamic Cloud book by mixing Apple & Google apps

In this hands-on workshop you will discover how some Apple & Google apps can be put into practice in a Cloud-based environment. Being an eager user of these applications in the classroom, the presenter will show you some practical examples. He will ask you to drudge up your sleeves, so in the end you will know how to use the apps and how to create a dynamic book of your own.

Language: English/Dutch

Teaching STEM through the Internet of Things with SAM Labs and Proximus

SAM Labs builds the smartest construction kits on the market to learn the basics of programming with hands on inventing. The session will focus on getting everyone building and programming their own cars and games in no time. Starting off with a live talk about the importance of learning STEM in schools and how SAM helps this, followed by a live demo, we will then move into a hands on session for the participants to build their own Internet of Things projects. The objective is to show the school directors how they can empower and inspire their students with great technology, preparing them for the digital world."

Language: English/Dutch

iTalk: Cloud-based Research within Everyone's Reach

Belgium's youngest entrepreneur will explain how iTalk can help to make Cloud-based research as cheap as possible for those who cannot afford developing expensive research systems. iTalk opens doors to universities, schools, organisations, companies, etc. Even to very young persons (6 year-olds also have an opinion). Come and listen to this young man of 17 who believes mankind will get better if we stay together and work together.

Language: English/Dutch

GO! 3.0: How Service Design can improve the Learning Processes in your School

This workshop deals with Service Design as a method that can be used by schools for software development and to improve their learning processes. Finding an affordable, suitable and sustainable software solution for a school's educational DNA is quite a challenge. Using Service Design, GO! 3.0 scrutinizes any school's DNA, to explore implicit knowledge about the learning processes. Pupils analyse their learning and co-create solutions to improve it. Their ideas can help you develop or improve software solutions of your own.

Language: English/Dutch

Design a Cloud with your Pupils using Raspberry Pi?

Do we really encourage our children to think independently by leaving them to expensive smartphones & tablets? Could Raspberry pi's (& Arduino's) be a better alternative? At least, they are cheap, so we can afford failure during the learning process. Could they be THE tools unleashing our next generation of technologists into hacking about the future Internet of Things & Cloud computing? That's the issue of this workshop: can we bring our pupils to logical reasoning, using tangible cheap hardware and high-level programming languages?

Language: English/Dutch

Doukas School Cloud Success Stories

Workshop participants will have a hands-on experience of the process of creating educational material (based on PBL, Gamification, etc.), using repositories of the educational community, through interdisciplinary approaches (STEM, and others), in order to implement best practices, as successful stories. In view of "School on the Cloud" project outcomes (e.g. "unity without uniformity"), we are focusing on Cloud Computing and we are aiming at designing new school environments, based on Doukas School Educational Model, in order to provide students with 21st century competences.

Language: English