

Building up STEAM

2nd edition of Communicate, Innovate & Create
in ELT 9/11/2019

9:00 to 9:25 - Registration and welcome

9:30 to 10:30 - Plenary session: CLIL and the Active Learner, by **Jill Simon** (UAB)

Reflection, discussion, investigation and creation: These four words are at the core of active learning methods which aim to engage student minds through learner-centered, meta-cognitive, purposeful tasks. How can we as teachers create the conditions in our classrooms to promote active learning? What are the challenges? And what are the benefits? This plenary addresses the development of the Active Learner in the CLIL classroom.

10:30 to 11:00 - Coffee break

11:00 to 12:30 - First workshop

PRIMARY

Circuits de paper, robots que dibuixen i altres andròmines. El moviment maker a l'aula, amb en **Frank Sabaté**

En aquest taller ens endinsarem al món de la cultura maker i el seu impacte dins els centres educatius. Veurem diferents exemples de com podem fer servir la tecnologia de baix cost per fer-nos preguntes i alhora plantejar-nos noves maneres d'expressió i reflexió.

SECONDARY & BEYOND

Capgirem l'aprenentatge, amb en **Manel Trenchs**

Al segle XXI els rols del professor i de l'alumne s'han de replantejar, ens cal aprofitar la tecnologia per fer aquest canvi. A partir de la pròpia experiència d'aula amb alumnes d'Història de l'Art us compARTiré les meves estratègies, activitats i nous enfocaments educatius. Amb la mesura del possible si podeu portar un dispositiu electrònic al workshop molt millor.

12:30 to 14:00 - Second workshop

PRIMARY

Improve speaking with Game Based Learning Strategies, with **Christian Negre**

We all know speaking a foreign language is a hard job, even if it's English! This workshop will provide easy step-by-step Game-Based Learning strategies to help young learners remember vocabulary and expressions, and to encourage them to use these new items in context. A laptop, tablet or digital device is recommended to make the most out of the workshop.

SECONDARY & BEYOND

Enriquece tus clases de idiomas con Flipped Classroom, con **Domingo Chica Pardo**

La clase inversa o Flipped Classroom puede ser una estupenda propuesta para aplicar metodologías activas en el aula y llevar a cabo tareas competenciales con nuestro alumnado. En este taller conocerás las herramientas para la creación de contenido, diseño de una unidad didáctica con FlipCan de Genially e instrumentos para la evaluación.

14:00 to 15:00 - Lunch break

15:00 to 16:00 - Plenary session: Dar la vuelta a tu clase: ¿realidad o ficción? por Marcos Ordiales

En esta plenaria hablaremos del origen de la Flipped Classroom, cómo puede favorecer el proceso de aprendizaje de los alumnos, sus ventajas y sus inconvenientes, cómo se pueden superar los primeros obstáculos y las diferencias con el enfoque tradicional.

16:00 to 17:30 - Third workshop

PRIMARY

Aprende jugant, amb l'equip de **Dos Profes en Apuros**

Tothom diu que aprendre jugant mola, d'acord, però com podem començar a fer-ho a classe sense haver d'invertir-hi la paga extra? En aquest taller ho veurem!

SECONDARY & BEYOND

Dieticians for a day, with **Anna Martínez Comalada**

As a starter, the global project Dieticians for a day will be introduced. Designed and carried out by both the Biology and English teachers, as the main dish, it includes competence-based curriculum, CLIL methodology, flipped classroom and VR, among others. All the materials will be shared and as dessert a selection of students' output will be presented.

Participants will learn about PBL, CLIL, flipped classroom and competence-based activities as well as assessment. A laptop, tablet or digital device is recommended to make the most of the workshop.

17:30 to 19:00 - Fourth workshop

PRIMARY

Storytelling robots (Building creativity through collaboration and Communication), with **Elena Vercher**

This workshop will deal with how to use programming and robotics to explain and create stories in the English as a Foreign Language Class. It is aimed at both Kindergarten and Primary teachers. A language is learned with its use, so in this workshop we will use the 21st Century Skills to deepen the learning of a Foreign Language through Active Storytelling and STEAM. We will create cooperative groups to solve the challenges that are proposed and, for that, we will be exploring the didactic use of different robots, software and devices. Be ready to be immersed in the world of Storytelling Robots!

SECONDARY & BEYOND

Cómo crear tu video flipped, with **Marcos Ordiales**

En este taller veremos que crear un vídeo didáctico puede no ser tan complicado como se piensa. Hay que tener claras las pautas para enganchar al alumnado a través del vídeo y por qué no... hacerle participe para que evolucionen y se enriquezcan pudiendo elaborar ellos mismos sus propios vídeos.

Meet the speakers



Anna Martínez Comalada graduated in English/German Philology at UAB in 2005. She has worked as an English teacher, and participated in projects that incorporate ICT resources into the classroom. She's been certified by the Catalan *Departament d'Educació* as a teacher who can apply globalised methodologies, digital teaching competence and attention to diversity, and is a regular teacher trainer for competence-based assessment. Anna has also coordinated European exchange activities. In 2017, she finished a postgraduate course in CLIL Teaching at UAB. She has been training primary and secondary school teachers in CLIL, and coordinated a CLIL seminar at the ICE-UdG.



Christian Negre is a 21st century teacher, lifelong learner, edupunk and digital viking. Currently in Primary (Cicle Superior), Secondary (Segon Cicle) and teaching teachers about Gamification. He has previously worked in secondary education and as a lecturer at different universities (UB, UPF-IDEC and UV). Christian is passionate about Problem and Project Based Learning, and the efficient use of edtech. He loves to design learning experiences that foster creativity and develop critical thinking.

"I believe we can still improve the future of students."



Domingo Chica is an enthusiastic teacher, interested in focusing his professional development towards active methodologies that can turn his students into creators of their own knowledge. For this purpose, he embraces Flipped Learning, PBL and cooperative learning as the foundations of his own approach to teaching, with the belief that teachers are the key element to transform education by integrating 21st century skills with new approaches that will enrich classrooms. Domingo is a Google Certified Innovator #ESP18, FLGI 100, speaker and trainer, and is also editor at the webpage theflippedclassroom.es

"A challenge becomes an obstacle when you bow to it".



Anna Palencia and Carlota Hernández, AKA 2ProfesEnApuros, teach early years and primary in state schools. Anna is a pedagogue, and Carlota has specialized in English. It all started in 2015 along Ana Martínez, a philologist, keen illustrator and designer, with whom they created a blog with all their teaching resources and ideas. They also set up an online "Solidarity Shop" that funds a different educational solidarity project every year, have written the book "Aprender jugando" (2017), and last but not least, have organised several educational events such as the first edition of JPA (Jornada para Profes en Apuros) and the first edition of the Open Instagram Teachers' Meetup in Girona last April.



Elena Vercher is a teacher based in Catalonia since 2009. She is currently teaching English, STEAM and Arts and Crafts in Primary and Pre-primary at Cal·lípolis Primary School in La Pineda (Tarragona). She is a Google Innovator and Trainer, has been teaching in the English Minor of the Primary Education Degree at the URV for two years, and has given teacher training talks in Barcelona, Madrid, Oviedo, and València. Elena has been recently awarded with one of the "Teaching Professional Stays" from the Ministry of Education in a Primary School in England, the follow-up to the 2018 edition of the John McDowell APAC award and the 2019 TESOL-SPAIN's first-time speaker grant. Elena has a degree in Primary, English and Music Education, the new degree of Pre-primary Education and a Master's degree in Teaching English as a Foreign Language.



Frank Sabaté teaches at Escola Projecte, Barcelona. He's passionate about programming and robotics in education. He's a member of the scientific committee of the programme *Educació Demà*, promoted by Fundació Jaume Bofill, and is also part of the committee that promotes the STEAM conference in Barcelona. He has contributed to the organisation of the European Scratch Conferences (Barcelona 2013, Amsterdam 2015 and Bordeaux 2017). He also participates as an advisor to Escola Montessori de Rubí and CIM-UPC within an *aliança magnet* agreement..



Jill Simon Auerbach is a professor in the Master in Teacher Development for Foreign Language Education and CLIL of the UAB and has collaborated for many years with this university in the areas of in-service and pre-service EFL and CLIL teacher training. She has been teaching in public high schools in Catalonia for over 15 years as both an EFL and CLIL science teacher. Jill graduated in Nutritional Sciences from Cornell University in Upstate New York. In Barcelona, she obtained a degree in Biochemistry from the UAB, and a Master's in Immunology from the UB. For the last three years, she has been a teacher trainer for the Department of Education through their GEP (Plurilingual Generatio Program) which prepares teachers of all levels in the methodologies of CLIL and PBL. Outside of the field of CLIL, she has organized numerous workshops and conferences in areas such as cooperative learning, assessment, and extensive reading in the foreign language classroom, last offered as a workshop in the APAC conference of 2012 entitled "A Community of Readers."



Manel Trenchs is an Art History teacher at Escola Pia Mataró, member of the Flipped Learning Network and GE3 (Google Earth Education Expert). Manel is also a Google Trainer and Google Certified Teacher, ambassador of Symbaloo, Plickers and Quizlet, and member and editor of The Flipped Classroom webpage. Manel has been a speaker at a range of conferences: FlipCon 2015 (Michigan, US), FlipCon Europe 2016 (Zaragoza), SIMO 2016 (Madrid), BETT Show 2017 (London), FlipCon Europe 2017 (Madrid); and he was a runner-up to the Best Teacher of Spain 2017 (Educa Abanca Awards). He's Interested in rethinking learning, the use of ICT and all those educational aspects that help to improve student learning in the 21st century."



Marcos Ordiales is a primary school teacher, and one of the top 100 professionals leading flipped learning worldwide. In 2017, he was awarded second prize for the best flipped experience in primary education. Marcos also specialises in collaborative learning, and is keen on applying student-centred approaches throughout his teaching. He collaborates with Oxford University Press in the design of flipped materials, is currently tutor for year 3 primary students and works as a teacher trainer spreading the flipped classroom methodology.



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