

**ALM21 - Learning inside and outside the classroom, Bern, Switzerland, June 29 - July 2, 2014**

**DRAFT PROGRAMME AS OF JUNE 23, 2014**

**Day 1: Arrival, registration, preconference**  
**Sunday, 29.6.2014**

**Day 2: Inside the classroom**  
**Monday, 30.6.2014**

**Day 3: Outside the classroom**  
**Tuesday, 1.7.2014**

**Day 4: Coordinating learning inside and outside**  
**Wednesday, 2.7.2014**

Arrival

14:00-17:30 Pre-conference workshop: Academic writing  
 Lead by Dr Javier Diez-Palomar, Editor ALM International Journal and Dr Simon Milligan, Academic English Services, University of Bern  
**Room B201, Fabrikstrasse 8**

15:00-17:00 Registration  
**Entrance Hall of Fabrikstrasse 8**

17:00-19:00 Opening reception with mathematical entertainment  
**Entrance Hall of Fabrikstrasse 8**

8:30-9:30 Registration, tea and coffee  
**Foyer, Fabrikstrasse 2e**

09:30 Opening of the conference  
 Dr Terry Maguire, Chair of ALM and Prof. Bruno Moretti, Vice director of the University of Bern  
**Room 001, Fabrikstrasse 2e**

10:00 Keynote 1: Prof. Dr Walter Herzog, University of Bern, Switzerland  
*Can there be an evidence base for teaching mathematics?*  
**Room 001, Fabrikstrasse 2e**

**10:45 Coffee break**

11:15 Keynote 2: Prof. Dr Mamokgethi Setati, University of South Africa, South Africa  
*Multilingual mathematics education in South Africa*  
**Room 001, Fabrikstrasse 2e**

**12:30 Lunch**

13:45 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

**15:30 Coffee break**

16:00 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

17:45 End of first conference day

Individual exploration of Bern

8:00-9:00 Registration, tea and coffee  
**Foyer, Fabrikstrasse 2e**

09:00 Keynote 1: Cécilia Märki, Project Leader SVEB, Switzerland  
*Improving basic skills through in-company trainings - first experiences from Switzerland*  
**Room 001, Fabrikstrasse 2e**

09:45 Keynote 2: Susan Easton, NIACE, United Kingdom  
*Maths Everywhere – an interactive learning tool for everyday life*  
**Room 001, Fabrikstrasse 2e**

**10:30 Coffee break**

11:00 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

**12:45 Lunch**

14:00 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

**15:45 Coffee break**

16:00 ALM General Meeting

17:00 Closing of the General Meeting

17.45 Guided tour of the House of Parliament, followed by reception

20:00 Conference Dinner at the Steinhalle in Bern

8:30-9:30 Registration, tea and coffee  
**Foyer, Fabrikstrasse 2e**

09:30 Opening of the third day  
 Dr Terry Maguire, Chair of ALM and Prof. Armin Hollenstein, Institute of Educational Science, University of Bern\*  
**Room 001, Fabrikstrasse 2e**

10:00 Keynote 1: Dr Hansruedi Kaiser, SFIVET, Switzerland  
*Coordinating learning inside and outside the classroom in Vocational Education and Training\**

**10:45 Coffee break**

11:15 Keynote 2: Prof. Dr Corinne Hahn, ESCP, France  
*The French Alternance Model: the question of the relationship between professional skills and academic knowledge\**  
**Room 001, Fabrikstrasse 2e**

**12:15 Lunch**

13:30 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

**15:15 Coffee break**

15:45 Parallel sessions  
**Rooms 002-005, Fabrikstrasse 2e**

16:45 Closing plenary\*  
**Room 001, Fabrikstrasse 2e**

17:00 Closing of the conference

\* The plenary sessions as well as one of the parallel working groups are simultaneously translated into German respectively English. The detailed programme of the parallel sessions is presented in the same colour scheme on the next page.  
 plenary sessions

All parallel sessins will take place in rooms 002-005 at Fabrikstrasse 2e

Day 2: Inside the classroom (Monday, June 30, 2014)

11:00	Plenary		
11:45	Plenary		
12:30	Lunch break		
13:45	What do we know about the mathematics teaching and learning of multilingual adults and why does it matter? <i>Prof Diana Coben, Dr Máire Ni Riordáin, Barbara Miller-Reilly (through video conference)</i>	The isolation of mathematics teaching from vocational learning <i>Diane Dalby</i>	If Self-Efficacy Deficiency is the Disease, What Treatments Provide Hope for a Cure? <i>Dr Katherine Safford-Ramus</i>
14:30	Short break		
14:45	Supporting Numeracy Teaching and Learning in Adult English as a Second Language Learners to Advance Access and Success in Postsecondary Education and STEM Subject Areas <i>Dr Anestine Hector-Mason</i>	Adult Learners and Mathematics Learning Support <i>Dr Ciarán Mac an Bhaird, Olivia Fitzmaurice, Ciarán O'Sullivan, Eabhnat Ni Fhlóinn</i>	What do I teach – Mathematics, Numeracy or Maths? <i>David Kaye</i>
15:30	Coffee break		
16:00	Promoting foreign language speakers' mathematical competences in typical situations of everyday life <i>Brigitte Fleck</i>		Making Maths Useful – a case study of the approaches used by two numeracy teachers in the Further Education and Skills Sector, to encourage and enable adult numeracy learners to apply and transfer their developing numeracy skills to their own real life contexts <i>Carolyn Brooks</i>
16:45			

Day 3: Outside the classroom (Tuesday, July 1, 2014)

11:00	Workshop: On-line Learning Mathematics <i>Dr Elena Koublanova</i>	Learning Outside the Classroom <i>Dr Anthony Cronin</i>	The Hamilton walk and its positive impact on adults learning mathematics outside the classroom <i>Dr Fiacre O'Cairbre</i>
11:45	Short break		
12:00	The Non-mathematician and the Spreadsheet <i>Jacqueline Field</i>	"Don't ask me about maths - I only drive the van" <i>Dr John Keogh, Dr Terry Maguire, Dr John O'Donoghue (through video conference)</i>	
12:45	Lunch break		
14:00	Topic Group (a): ALM Research – Practice: Technology as an Effective Teaching/Learning Partner <i>David Kaye and Dr Katherine Safford-Ramus</i>	Pilot Project: Developing Everyday Mathematics skills with Participants in Programs of Temporary Employment in the State of Argovia <i>Ruth Grütter and Anita Guggisberg</i>	Workshop: A toolbox for everyday mathematics <i>Dr Armin Hollenstein, Annegret Nydegger</i>
14:45	Short break		
15:00	Experiencing a Flipped Adult Mathematics Upgrading Class <i>Judy Larsen</i>	Poster session: * Competence goals for basic skills <i>Tanja Aas and Anna Gustavsen</i> * Let's talk about math <i>Roland Greber</i> * Learning maths at work through Trade Unions in the UK <i>Beth Kelly</i>	
15:45	Coffee break		
16:00	Annual meeting (until 17:00)		
Guided tour of the House of Parliament			

Day 4: Coordinating learning inside and outside the classroom (Practitioners' Day) (July 2, 2014)

Plenary			
Lunch break			
13:30	Teaching Maths for Medical Needs. A working partnership between teachers and health care professionals to support children and young people with concepts of ratio <i>Rachel Stone</i>	Workshop: Exploring student perceptions of 'real life' contexts in mathematics teaching <i>Diane Dalby</i>	Workshop by the Swiss network of everyday mathematics: What didactical competences are required to teach mathematics to adults? <i>Inputs by Terry Maguire</i>
14:15	Short break		
14:30	BBC Skillswise: developing visual models to transfer between workplaces, classrooms and everyday life <i>Michael Rumbelow</i>		
Coffee break			
15:45	Topic Group (b): ALM Research – Practice: Technology as an Effective Teaching/Learning Partner <i>David Kaye and Dr Katherine Safford-Ramus</i>	Simulating Outside-the-Classroom Maths with In-Class Word Problems <i>Prof. Marcus E. Jorgensen</i>	
Short break			
Closing plenary (until 17:00)			
End of conference			