

Schedule: Educating the educators (final version)

Conference on international approaches to scaling-up professional development in maths and science education, 15-16 December 2014 in Essen, Germany



Track 3 - Disseminating and scaling-up through materials

Track chairing team

Dr Michiel Doorman, University of Utrecht (Chair)

Prof. Martin Bilek, University of Hradec Kralove

Prof. Valentina Dagiene, University of Vilnius

Prof. Dr Philipp Schmiemann, University of Duisburg-Essen

Monday, 15 December 2014	
10:00 - 12:00	<p>Pre-conference of the Presidents and Heads of Professional Development Centres and Institutions ~ Senatssaal ~</p>
12:00 - 13:00	<p>Registration & Light Lunch</p>
13:00 - 13:30	<p>Opening and Welcome from the Conference Hosts with musical introduction Bärbel Barzel, Local Organiser Katja Maaß, Coordinator of mascil Jürg Kramer, Director of the DZLM</p>
13:30 - 14:15	<p>Keynote Konrad Krainer Director of the School of Education at the Alpen-Adria-University Klagenfurt "Scaling-up professional development: Chances and challenges"</p>
14:15 - 15:00	<p>Poster Session with Snacks and Coffee</p>
15:00 - 15:30	<p>Official Welcome with musical introduction Sylvia Löhrmann, Minister of School and Further Education of North Rhine-Westphalia Ulrich Radtke, Rector of the University Duisburg-Essen</p>
15:30 - 16:00	<p>Coffee Break in front of the Track Room</p>
16:00 - 16:45	<p>Track Plenary Manuela Welzel-Breuer Professor for Physics and Physics Education, University of Education Heidelberg "Prepared to use it? – Disseminating and Scaling-up Professional Development Through Materials" ~ Building S03 V00, Room E33 ~</p>
16:45 - 17:15	<p>Session 1 B. Michels and H. Eijkelhof "Professional development of teachers by developing, testing and teaching curriculum materials of an interdisciplinary STEM-course (NLT) for senior high school" Oral Presentation ~ Building S03 V00, Room E33 ~</p>

Gaspavillon

17:15 - 17:45	Coffee Break in front of the Track Room
17:45 - 18:15	<p style="text-align: center;">Session 2</p> <p style="text-align: center;">G. Mihai, À. Gras-Velázquez, P. Velek “Scientix: efficient ways of disseminating good teaching practices” Oral Presentation ~ Building S03 V00, Room E33 ~</p>
18:15 - 19:15	<p style="text-align: center;">Session 3</p> <p style="text-align: center;">Presentation 1 M. Doorman, J. Garcia, D. Potari “The potential of a task for professional development across national contexts” Oral Presentation, 30minutes</p> <p style="text-align: center;">Presentation 2 D. Potari, G. Psycharis, V. Spiliotopoulou, C. Triantafillou, T. Zachariades “Integrating inquiry-based tasks and the world of work in mathematics and science teacher education” Oral Presentation, 30minutes ~ Building S03 V00, Room E33 ~</p>
18:15 - 18:45	
18:45 - 19:15	
19:15 - 20:00	Break
20:00	Reception & Dinner at “Mezzo Mezzo”

You can reach the conference team by phone under: +49 (0) 1522 1518132

Tuesday, 16 December 2014

09:00 - 09:45	<p><u>Keynote</u> Justin Dillon Head of the Graduate School of Education, University of Bristol “The role of informal science institutions in teacher education” ~ Glaspavillon ~</p>
09:45- 10:00	<p>Change of Rooms</p>
10:00 - 11:30	<p>Session 1</p>
10:00 - 10:30	<p><u>Presentation 1</u> M. Romero Ariza, A. Armenteros, A. Mabril , M. Evagorou “Learning through inquiry in the world of work at Primary School” Oral Presentation, 30minutes</p>
10:30 - 11:00	<p><u>Presentation 2</u> A. Lembens and S. Abels “Disseminating inquiry-based science education through `mysteries` in professional development courses” Oral Presentation, 30minutes</p>
11:00 - 11:30	<p><u>Presentation 3</u> C. Choutou, C. Kotteakos, V. Vonta, M.-A. Zisimopoulou “An IBL application from the inside” Oral Presentation, 30minutes ~ Building S03 V00, Room E33 ~</p>
11:30 - 12:00	<p>Coffee Break in front of the Track Room</p>
12:00 - 13:30	<p>Session 2</p>
12:00 - 12:30	<p><u>Presentation 1</u> M. Hopf “Influence of Teaching Materials on Students’ Understanding of Physics” Oral Presentation, 30minutes</p>
12:30 - 13:00	<p><u>Presentation 2</u> V. Jonker and M. Wijers “Redesign guidelines to enrich classroom tasks for maths and science” Oral Presentation, 30minutes</p>
13:00 - 13:30	<p><u>Presentation 3</u> S. Fechner, M. Romero, A. Quesada “Challenges of designing and disseminating an inquiry-based and workplace-related task in chemistry” Oral Presentation, 30minutes ~ Building S03 V00, Room E33 ~</p>

13:30 - 14:45	Lunch ~ Mensa ~
14:45 - 15:15	<u>Keynote</u> Peter Birch Coordinator Education Policy and Systems Analysis European Commission, Eurydice “Teacher professional development in Europe: perceptions, policies, and practices” ~ Glaspavillon ~
15:15 - 15:20	Change of Room
15:20 - 16:05	Discussion within the Track: Linking Theory and Practice ~ Building S03 V00, Room E33 ~
16:05 - 16:35	Coffee Break in the Glaspavillon
16:35 - 17:50	Final Plenary moderated by Robert Wilne , Director for Secondary, National Centre for Excellence in the Teaching of Mathematics “10 years from now - Scaled-up teacher professional development: Consolidating the needs, and the experiences, models, trends and visions conducive to goal achievement” ~ Glaspavillon ~
17:50	Farewell by the Conference Hosts Katja Maaß and Bärbel Barzel

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