



17th IARTEM Conference



Facing climate and societal change

Conference Program

WEDNESDAY 29 May (12 rue de l'école de médecine, [Odéon](#))

12.00 Reception of participants and badges ([Hall](#))

(During the afternoon, free visit to the [museum of history of medicine](#))

13.15 Opening ceremony ([amphi Vulpian](#))

13.35 Keynote 1. Different linguistic approaches of textbooks and educational resources.
Patricia Von Munchow, Marianne Doury and Geoffrey Sockett. Chair Eric Bruillard

14.35 Presentation of [posters](#) (1 minute each)

14.50-15.20 *Coffee break and [posters](#)*

15.20 **Round table 1. Research and educational resources** chair GL Baron & Andy Smart

Anne Barrère, Ursula Hoadley, Nathalie Pujo

Symposium on Compounds project
chair Péter Bagoly-Simó

16.50 IARTEM presentation

17.45 *Cocktail (and [posters](#))* ([Grand Hall](#), end at 19.00)

THURSDAY 30 MAY ([45 rue des St-Pères](#), 4th floor)

8.30 Round table 2. Educational resources and climate change
(amphi Claude Bernard). Chair Xiaofeng Guo

Yacine Boufkhad, Yoko Mochizuki, Wendy Morel, Marcel Robischon, Marnik Vanclooster

SCIENCES HUMAINES ET SOCIALES
Sociétés et Humanités
Université Paris Cité



Climate change (Room Grignard A)

Textbooks and climate change (10h30-12h30) Ch Mehdi Khaneboubi

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| An analytical journey on the school textbook in Spain. <i>Ana Rodríguez Guimeráns, Silvia López Gómez, María Isabel Vidal Esteve, Ana Parada Gañete</i> |
| Considering the unthought materiality of digital media. Analyzing a corpus of educational resources on the environmental impact of digital technologies (Wallonia-Brussels Federation, Belgium). <i>Ingrid Mayeur</i> |
| Environmental topics and climate change in Italian history textbooks for middle-schools <i>Giulia Manzella</i> |
| Requirements of Multimodal Reading Competence for Digital Textbooks on Climate Change in Germany. <i>Eva Bordin</i> |
| Exploring the facilitation of multiple representations in high school textbook exercises on students' learning in climate change. <i>Pai-Hsing Wu</i> |

Climate change and curricula (online) (13.30 – 15.10) Ch. . Péter Bagoly-Simo

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| What if sustainability lies outside the text(book)? <i>Jeremy Rappleye, Hikaru Komatsu</i> |
| Climate change, science education and performative teaching. <i>Leonor Huerta Cancino, Victoria Sáez, Dámaris Medina, Constanza Rojas</i> |
| The challenge of education for sustainability in Italian school system: a new communication model among schools, associations, research centers. <i>Luca Toschi, Marco Sbardella, Viola Davini, Marta Guarducci, Eugenio Pandolfini, Alessandra Anichini</i> |
| Textbooks constructing agency in the climate crisis. <i>Pia Mikander, Henri Satokangas</i> |

Climate change and teachers (15.30 – 17.30) Ch. Jesus Rodriguez Rodriguez

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| Enhancing Effectiveness in Teaching Climate Change Through ChatGPT Integration in Albania pre-university education. <i>Jostina Dhimitri, Nevila Cinaj</i> |
| Depoliticization of the problem and privatization of guilt - the issues related to environmental disaster in English textbooks. <i>Marzanna Pogorzelska</i> |
| What teachers want, what textbooks offer and the Climate Change in between - Themes in Brazilian Secondary School Textbooks. <i>Alysson Artuso</i> |
| Climate change in Geography educational resources: teachers' perspectives. <i>Esteves Maria</i> |
| CANCELLED Pre-school teachers' expectations of educational materials for developing children's climate awareness. <i>Krista Uibu</i> |

Critical thinking (Room Grignard B)

CT and educational resources (10h30-12h30) Ch. Marianne Doury

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| Navigating the Intersection - The Integration of Technical Proficiency and Audiovisual Media Literacy in Critical Teacher Education. <i>Erika Kraychete Alves</i> |
| How Is Critical Thinking Conceptualized in Online Resources? The Case of the French YouTube Channel "Hygiène Mentale". <i>Charlotte Barbier</i> |
| CANCELLED Promoting Critical Thinking in Tertiary Education Students through Teaching and Learning Resources with a Focus on Textual Materials in the Bachelor of Education. <i>Jarmila Kojdecká, Zuzana Sikorová, Iva Červenková</i> |
| Environment and humanity in Spanish textbooks from the 1980s and 1990s of the 20th century. <i>ira Mahamud-Angulo, Yovana Hernández-Laina</i> |
| Re-Conceptualizing the Political Agency of Young Children in the Anthropocene <i>Yliniva Kirsi</i> |

CT and inequalities (13.30 – 15.10) Ch. Ommund Vareberg

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| Controversial issues and gender inequalities in financial education: A critical look at curriculum and teaching materials. <i>Kevin Péloquin, Marc-André Éthier, David Lefrançois, Catherine Malboeuf-Hurtubise, Amélie Cambron-Prémont</i> |
| Diversity in Norwegian Curriculum and Textbooks. Does the Curriculum for the 10-year Compulsory School Reflect Societal Change in Their Representations of Diversity? <i>Iben Brinch, Anne-Beathe Mortensen-Buan, Siri Nergaard</i> |
| Knowledge and power in the production of textbooks: the conflict between authorial and official voices. <i>Lucimara Fabricio, Alisson Martins</i> |
| Stereotypes of the "female" in XIX and XX century textbooks for Italian schools <i>Alessandra Anichini, Pamela Giorgi, Irene Zoppi</i> |

CT and multiple perspectives (15h30 – 17h30) Ch. Pascale Hannoun

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| Learning about economic crises: a challenge for the development of competences in lower and upper secondary education in Europe. A comparative study of curricula, textbooks and digital educational media. <i>Steffen Sammler</i> |
| Multiperspectivity in (post)colonial textbook narratives: a comparison of Indonesian and Dutch history textbooks. <i>Dietha Koster, Karel Van Nieuwenhuysse, Denise Bentrovato, Achmad Sunjayadi</i> |
| Leveraging Profession-Based Fiction to Foster Critical Thinking on Professional Ethics Questions: Task Design and Student Productions. <i>Lily Schofield</i> |
| "Epoch booklets" as open or closed - a study of two Norwegian textbooks from the 1940s. <i>Anne Helene Høyland Mork</i> |
| Shifting Spatial Representations. A Comparative Study of Maps in Lower-Secondary Geography Textbooks in Post-Socialist and Post-Soviet Countries. <i>Peter Bagoly-Simo, Erika Homoki, Anett Kádár</i> |

Resources uses (Room Grignard C)

Various contexts (10h30-12h30) Ch. Alessandra Anichini

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| For an open, inclusive and empowering Documentation and Information Center: rethinking the circulation of resources within a school, a case study of an agricultural high school library. <i>Magali Roumy Akue, Magali Loffreda</i> |
| CANCELLED The wash back effect of the oral exam? A study of learning materials that are preparing for the exam <i>Lene Illum, Dorte Carlsen</i> |
| Ways and Possibilities of Using Learning Materials in Galleries and Museums. <i>Miloš Makovský, Myšáková Dagmar</i> |
| Research on Textbook Use in Competency-Based Teaching in high school in Taiwan. <i>Han-Yu Li, Shu-Ching Chou</i> |
| What Are They Doing When They Stare at the Map? Exploring Map Decoding Task Processing Using Eye-Tracking. <i>Peter Bagoly-Simo, Zsolt Palatinus, Ádám Tóth, Erika Homoki, Anett Kádár</i> |

Digital resources (online) (13.30 – 15.10) Ch. Zuzana Sikorova

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| Current practices in the use of etextbooks and digital resources in Australia: A Case Study. <i>Bruce Knight</i> |
| Digital educational resources for teaching chemistry and physical chemistry in secondary school. <i>Paola Otero, Viviana Carolina Llanos, María Paz Gazzola, Maria Rita Otero</i> |
| Open Educational Resources and inclusion “mismatches of potentials and practice”. Pieper Marlene & Vogt Michaela |
| Instrumental genesis of the digital educational resource (deg) “Função Resgate” <i>Maria Rita Otero, María Paz Gazzola, Viviana Llanos</i> |

Case studies (15h30 – 17h30). Ch. Steffen Sammler

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| Schoolbooks and inclusive teaching. An Action Research conducted in Italy. <i>Damiano Meo, Luigi D'alonzo</i> |
| Changing policy, changing Inclusive Teaching: Providing Learning Materials for all? <i>Jonas Ålander, Anette Bagger</i> |
| Printed and digital learning materials' purposes of use at the lower secondary school in English and Biology. <i>Zuzana Sikorová, Nikol Porubová, Marek Václavík, Iva Červenková</i> |
| The appropriation of educational resources by 4th and 5th grade teachers: a constrained activity with more or less positive potential effects on student learning. <i>Céline Camusson</i> |
| The Role of Textbooks in Addressing the Demands of Teaching Practice and Teacher Training in Natural Sciences within the Context of the New Secondary School and the BNCCG. <i>Nilson Marcos Dias Garcia, Alysson Ramos Artuso, Alisson Antonio Martins, Giovana Martins Claudino, Mariana Purkota</i> |

Other sessions (Room Grignard E)

Discourse analysis and music (10h30-12h30) Ch. Patricia von Munchow

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| Discourse analysis of 6 "influential" accounts on X (Twitter) powered by the institution to share educational resources. Mas Sylvie & Normand Sylvie |
| Discourse Analysis on Textbooks “Knowledge” Overview. Dahl Christofer & Eilard Angerd |
| Primary music textbooks as dispositive of power reproduction. A three-phases Critical Discourse Analysis for the study of identity and knowledge. Martinez-Delgado Clara |
| The inclusion of women composers in Music Education as a means of fostering equity: research in Brazilian and German textbooks Schach Fey Andeia & Romanelli Guilherme |
| Villa-Lobos' music method: textbooks as legitimation of an educational project. Romanelli Guilherme & Garcia Tania |

Research and interdisciplinarity (online) (13.30 – 15.10) Ch. Geoffrey Sockett

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| Researches on textbook and educational media conducted on the NPPD/UFPR: a review study (Brazil, 2000-2023) Garcia Tânia & Romanelli Guilherme |
| Sustainable Competences in Higher Education a Design Based Research Development of New ESD Curriculum. Ruge Dorte |
| The Evolution of Textbooks in the Last Decade: A Literature Review from an Inclusive Education Perspective. <i>Tania Caamaño-Liñares, Miriam González González, Ana Rodríguez Guimeráns</i> |
| Educational websites to teach relativistic dynamics at high school and introductory university level. Maria Rita Otero, Richard Gonzalez, Marcelo Arlego |

Design process, publishers (15h30 – 17h30) Ch. Andy Smart

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| Challenges and opportunities for history-geography teachers in teaching and implementing competency-based learning for the “Touristic Guide” module, secondary education Cinaj Nevila & Dhimitri Jostina |
| Educational publishers' contributions and practices regarding compound subjects in Europe: a first survey and instructive case studies. Blaesi Christoph & Selthofer Josipa |
| Transcending Boundaries: Educational Material Trade between East and West Germany. Nakazono Yuki |
| The Need for Educational Publishers to Distribute E-Textbooks to Secondary Schools in Ghana. Essuman Michael Ato |
| Writing and action in Portuguese language textbooks: the role of major publishers in the crisis of high school education. Imbruniz Cristian Henrique |

FRIDAY MAY 31

Textbooks, mulimodality and hybridation (9 - 11h) Ch. Martina Ronci (GR A)

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| Hybrid learning resource practices: Coherence and didactical adaptation in teaching and learning material systems for Norwegian (L1). Vareberg Ommund |
| Learning potential of multimodal and hypertextual components in history content of current e-textbooks for Czech primary and lower secondary schools Dundallkova Karolina & Staraj Jana |
| Subject-specific Use of Multimodality in Learning Materials. Carlsen Dorthe, Oksbjerg Marianne, Johannessen Christian Mosbak |
| Numberjacks versus Numberblocks: a comparison between two educational media for 4-5 year olds. Gobert Sophie |
| The digitalisation of materials in compulsory secondary education in Spain. initial research results. Rodriguez Guimerajns Ana |

Maths (9 - 11h) Ch. Georges-Louis Baron (GR B)

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| Representation forms of euclidean geometry questions in south african mathematics textbooks Zhou Tinevimbo |
| Contextual features of euclidean geometry questions in South African mathematics textbooks Zhou Tinevimbo & Ogbonnaya Ugorji |
| Opportunity to learn mathematics in textbooks: a systematic literature review Zhou Tinevimbo & Ogbonnaya Ugorji |
| the levels of relatedness between textbook expository and exercise tasks bearing tenets of reasoning-and-proving in euclidian geometry Edwin Matsepe, Ugorji Ogbonnaya |
| Understanding secondary mathematics teachers' use of curricular materials and resources for planning and instruction in Greece. Louis Michail |
| Exploring question types and features of mathematics textbooks in vocational senior high school. Cho Yi-An |

11.20.12.20 Keynote 2. *Getting Entangled in Literary Concepts: Short Stories for Icelandic Secondary School and their Paratexts.* Jón Yngvi Jóhannsson (amphi Claude Bernard) Ch. Zuzana Sikorova

12.20 Closing ceremony (PHD students feedback)

13.40 IARTEM General Assembly

Higher education (9 - 11h) Ch. Yoko Mochizuki (GR C)

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| Consultation of Pedagogical Resources and Success in Distance Education Khaneboubi Mehdi |
| Digital and non-digital tools for adult education in French companies Bouzoubaa Kenza & Hiron Charlotte |
| Have the study habits of students changed with the change in learning materials? The use of learning resources by university students in the last ten years. Sikorova Zuzana |
| Knock Knock, Who's There? Teacher Identity in the Design of Learning Material on Academic Writing for Higher Education Students in the Era of Artificial Intelligence. Morken Andersen Merete |
| Interculturalities in tension through French language pedagogical resources development in Uzbek universities Ayme Catherine |

Teachers (9 - 11h) Ch. Guilherme Romanelli (GR E)

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| Learning materials and learning resources in the classroom: Developing learning resources for teacher students and educators. Mortensen-Buan Anne-Beathe Nordberg Kari HernÅ's |
| Factors influencing Estonian teachers' opportunities and decisions in the selection of learning material Leola Heily |
| Teaching without prescribed curricula and without textbooks: a way of expressing a pedagogical expertise? Michaux-Colin Florence |
| Digital learning resources, AI and critical thinking in L1. <i>Caroline Graeske</i> |



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