Informatics Europe

Working Groups

The place to connect, exchange and cooperate with your European subject-matter experts
Why starting these WGs

To:

• Foster **networking and knowledge exchange** among our members;

• Boost **collaboration** and joint efforts on developing concrete activities, so we can be **heard as a strong joint voice**;

• Further involve subject-matter experts on the definition, prioritization and development of IE activities;

• Serve as memory of **IE activities**, assuring their **continuity** despite rotation of leaders;

• Create further networking opportunities, and make it the occasion to broadly **present task force progress**.
**WG**s vs Task Forces

**Working Groups**
- Are permanent
- Propose IE’s general strategy in a given area:
  - Setting long term goals
  - Defining and prioritize a pool of meaningful activities
  - Designing task forces, and allocating the necessary resources

**Task Forces**
- Are limited in time, according to the targeted goals (6 to 12 months)
- Work towards concrete results/deliverables (e.g. reports, observation, survey, etc.)
Education WG
Composition and Goals

• **Chair:** Michael E. Caspersen and Enrico Nardelli, IE Board

  **Secretary:** Keith Quille, TU Dublin

• **Composition:** Individual voluntary sign-up

• **WG Goals:**
  
  • Informatics for All goals as a starting point
    
    – Establish informatics as a fundamental discipline to be taken by all students in school.
    
    – It should be recognized by all as a truly **foundational discipline** that plays a significant role in education for the 21st century.

• Promote the Informatics Reference Framework for School

• Initiate European Informatics Education research network activities

• ... (more may be decided at the next WG meeting in November)
Education WG

Members (currently 38 from 13 countries)

Michael E. Caspersen, It-nvest – networking universities (Chair)
Enrico Nardelli, University of Rome “Tor Vergata”, Italy (Chair)
Thomas Alessandro Ciarfuglia, Sapienza University of Rome, Italy
Marco Antoniotti, University of Milano-Bicocca, Italy
Maia Archadze, Iv.Javakhishvili Tbilisi State University, Georgia
Erik Barendsen, Radboud University, the Netherlands
Morgane Chevalier, Haute école pédagogique (HEP) du canton de Vaud, Switzerland
Claire Conneely, Google
Fabrizio d’Amore, Sapienza University of Rome, Italy
James Dodd, TU Dublin, Ireland
Dilek Dikteoglu, University of Groningen, the Netherlands
Luca Fortizzi, University of L’Aquila, Italy
Matthias Hauswirth, Università della Svizzera italiana, Switzerland
Juraj Hromkovic, ETH Zurich, Switzerland
Johan Jeuring, Utrecht University, the Netherlands
Manana Khachidze, Iv.Javakhishvili Tbilisi State University, Georgia
Michael Kolling, King’s College London, UK
Janika Leoste, Tallinn University, Estonia
Gabriele Lenzini, University of Luxembourg, Luxembourg
Violetta Lonati, University of Milan, Italy

David López, Universitat Politècnica de Catalunya, Spain
Ugo Lopez, Università degli studi di Bari Aldo Moro, Italy
Carlos Matos, Royal Holloway University of London, UK
Christian Napoli, Sapienza University of Rome, Italy
Keith Nolan, TU Dublin, Ireland
Ciaran O’Leary, TU Dublin, Ireland
Gabriel Pariaux, Haute école pédagogique (HEP) du canton de Vaud, Switzerland
Stefan Pasterk, Alpen-Adria-Universität Klagenfurt, Austria
Dana Petcu, West University of Timisoara, Romania
Keith Quille, TU Dublin, Ireland
Mariana Rocha, TU Dublin, Ireland
Adrian Sterca, Babes-Bolyai University, Romania
Marco Temperini, Sapienza University of Rome, Italy
Ernest Teniente, Sociedad Científica Informática de España (SCIE), Universitat Politècnica de Catalunya (UPC), Spain
Magda Tsintadze, Iv.Javakhishvili Tbilisi State University, Georgia
Matisa Valdenegro-Toro, University of Groningen, the Netherlands
Angel Velázquez, Universidad Rey Juan Carlos, Sociedad Científica Informática de España (SCIE), Spain
Tatjana Welzer, University of Maribor, Slovenia.
Education WG

Outcomes

2022 Achievements

• Formal launch of the WG in late April with 38 participants
• Education workshop @ ECSS 2022
• First proper meeting in the WG (November 2022)

In the pipeline, if enough interest to work on these

• Make the IRF4S known in our countries
• Collect feedback from users (teachers and (other) curriculum designers)
• Map national curricula wrt IRF4S
• Initiate EdResearch network activities, e.g. workshop @ ITiCSE
• International summer school (associated with ITiCSE)
Agenda

1. Introduction and welcome (5’)
   - Michael E. Caspersen and Jan Vahrenhold
2. Informatics for All – past activities (10’)
   - Enrico Nardelli
3. Informatics Reference Framework for School (15’)
   - Michael E. Caspersen
4. A map of informatics in school education across Europe (25’)
   - Sonia Piedrafita Tremosa
5. IE’s Working Group on Informatics Education and Research (10’)
   - Michael E. Caspersen
6. Group and plenary discussions on next steps (30’)
   - Moderator: Jan Vahrenhold
7. Wrap-up (10’)
   - Michael E. Caspersen and Jan Vahrenhold
6. Group and plenary discussions on next steps

- What should the Informatics for All coalition do?
- What should IE’s Education WG do?
  - What is necessary
  - What would be nice
  - Potential task forces
Overview

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