

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**.

WGs 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)



informatics for all

Education WG

Members (currently 38 from 13 countries)

[Michael E. Caspersen](#), It-vest – 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 Archuadze](#), Iv.Javakishvili 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 Doddy](#), TU Dublin, Ireland

[Dilek Dustegor](#), University of Groningen, the Netherlands

[Luca Forlizzi](#), 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.Javakishvili Tbilisi State University, Georgia

[Michael Kölling](#), 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 Parriaux](#), 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 Tsintsadze](#), Iv.Javakishvili Tbilisi State University, Georgia

[Matias Valdenegro-Toro](#), University of Groningen, the Netherlands

[Ángel 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
-  goals as a starting point
- 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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 - **What would be nice**
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