



Join the CEPIS Informatics Education expert group!

Why a special group on Informatics Education?

The CEPIS [Informatics Education expert group](#) (formerly Computing in Schools SIN) strives for the recognition of Informatics/Computer Science as a vital subject in school curricula. It recommends that Informatics should be included in compulsory school curricula like other subjects such as mathematics, physics, and chemistry, and thus provide students with the skills needed to participate in today's increasingly digital society.

There are three main reasons to make Informatics, which includes algorithms and coding/programming, mandatory in compulsory education (K-12) and teacher education.

1. In order to create a truly inclusive society, everyone needs Informatics knowledge and digital skills.
2. Exposure to Informatics can stimulate students to pursue higher and vocational education.
3. In the EU there is an increasing demand for IT professionals: designers, software engineers, data specialists etc. This sector plays an important role in the economic development of EU countries.

At the moment, not all EU Member States have included Informatics as a mandatory subject in their K-12 curricula. There is also a need for education for present teachers and future teachers. Institutes for higher education play an important role in educating a new generation of teachers.

Our activities

We meet several times a year. In these meetings we share information about developments and experiences in the participating countries. We focus on subjects of special interest in education. We have discussed and developed concepts and proposals for a K-12 curriculum, sometimes also with guest presenters. For specific topics we organize mini-conferences (half-day events dedicated to one specific issue). Our last mini-conferences were in June 2022 in Bratislava on "Strategies for Informatics Teacher Education" and in November 2022 in Milan on "Teaching Informatics for all Teachers".

An important part of our activities is our participation in the EU Informatics for All initiative. The CEPIS special interest group Informatics Education is a founding member of [Informatics for All](#), a coalition that brings academia, industry, government and society together to influence education policy in Europe towards the full recognition and establishment of Informatics as a foundational discipline in schools. The other founding members are [ACM Europe Council](#) and [Informatics Europe](#). The fourth present member is [IFIP](#), the International Federation for Information Processing.

Join us

Our meetings are usually conducted either online, in hybrid (using Zoom) format, or face-to-face. Our last face-to-face meeting was held in November 2022 at a national conference in Milan, Italy. Currently there are eight countries participating in the expert group. Participating members have backgrounds in Informatics, education and technology.

We would like to welcome members of further CEPIS-countries. For more



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