

Educational Activities of ECMI

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The aim of the ECMI Educational programme is to develop a student's mathematical and computational skills to solve industrial problems and development tasks in innovative ways. The ECMI Educational Programme was designed to educate industrial mathematicians to meet the growing demand for such experts. It comprises several initiatives, as the establishment of an ECMI Model Master. The ECMI Model Master in Mathematics for Industry has been running for many years in universities, and it is a model curriculum in Mathematics for Industry. Recently, ECMI has also established a model for a Master in Mathematical Data Science.

Other activities organized by ECMI include the ECMI Modelling Weeks and the ECMI Student Competition. ECMI has been running annual Modelling Weeks for students since 1988. Students come from all over Europe to spend a week working in small multinational groups on projects which are based on real life problems. The ECMI Student Competition is a more recent activity, and it is a competition involving teams of students of Bachelor, Master and PhD levels, where each team present a solution to a mathematical problem of social or economic importance.

In this talk we will present these different educational activities that ECMI is organizing, as well as plans for the near future, where new ECMI members will be more than welcome.

Most of the information about these activities can also be found in the ECMI website:

<https://ecmiindmath.org/education/>