
The Gottlob Frege Centre of Hochschule Wismar: Aims — Tasks — Activities

TUE/E/01 15:30–15:50

Dieter Schott (Hochschule Wismar)

The Gottlob Frege Centre was founded at Hochschule Wismar in November 2000 to honour the great mathematician, logician and philosopher Gottlob Frege born and educated in Wismar, Germany. But the main task was to improve the knowledge of our students in mathematics. The members of the centre want to

- ensure a solid basic mathematical education,
- increase the motivation of students by using modern means and media,
- improve the general position of mathematics in society by popularizing interesting and challenging mathematical topics and by showing the part of mathematics in science and innovation.

The centre initiated a lot of successful activities such as

- entrance tests for students to check the pre-knowledge and to recognize trends,
- online self-test and pre-course in mathematics for interested students,
- contacting schools to reduce the gap between schools and universities,
- organizing weekly consultations in mathematics, where students help students,
- lectures, laboratories and other special offers for interested pupils and students,
- testing new teaching methods (computer mathematics, projects, interdisciplinary penetration),
- developing bilingual books and games meeting the interests of pupils and students,
- organizing international exchange of professors, lecturers and students,
- organizing workshops in northern Germany concerning the mentioned topics,
- participating at international conferences in the framework of organizations UICEE and SEFI,
- position paper concerning mathematical education in engineering,
- own journal Wismar Frege series (see below),
- informing the public about new activities, press releases.

It will be reported about our ideas and experiences to improve mathematical education and to bring mathematics in the heart of students and the public.

[1] D. SCHOTT(ed.): Wismarer Frege-Reihe, ISSN 1862-1767.