CIC

GDCh
GESELLSCHAFT DEUTSCHER CHEMIKER

HOW TO BECOME A MEMBER

Membership in one of the GDCh Divisions requires a membership in the GDCh. There are several categories of GDCh membership. Please check which category applies to you.

Ordinary Members (Ordentliche Mitglieder)
Everyone who is an **Ordinary Member of the GDCh** and has an interest in Computers in Chemistry and related areas. The CIC division has ca. 460 members (2021)

Student Members and other Members in Education
Students of chemistry including PhD students as well as everyone being in education with an interest in the chemical and molecular sciences.

Supporting Members
Companies, scientific institutions, authorities etc.

Associated Members
Individuals who have neither a chemistry background nor work in the chemical sector and who are interested only in joining the division of the GDCh.

Annual subscription
The annual subscription amounts to 10,00 EUR plus the **Ordinary Membership of the GDCh**. Student membership is free.

Further Information
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CIC DIVISON IN THE INTERNET

www.gdch.de/cic

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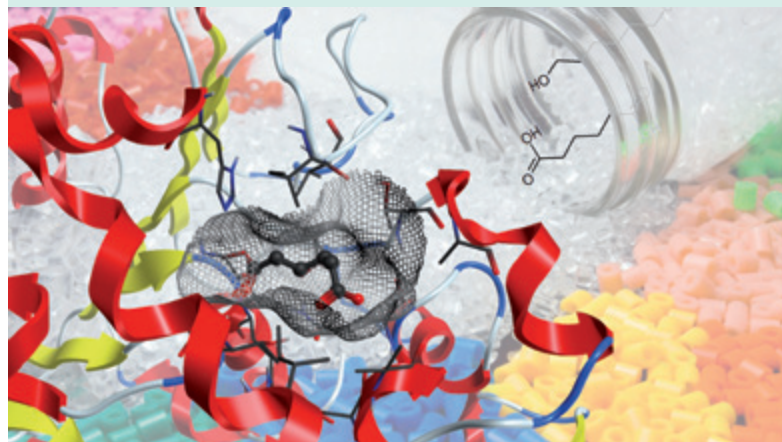
Division
COMPUTERS IN CHEMISTRY

CIC

COMPUTERS IN CHEMISTRY (CIC)

CIC is a division of the German Chemical Society (GDCh) that covers all aspects of computer-based generation, processing and documentation of information and knowledge in chemistry. Founded in 1982, CIC brings together scientists from various disciplines to foster and propel development and applications in this field, with particular emphasis on

* the annual „German Conference on Chemoinformatics" (formerly CIC workshop)

* promotion of chemoinformatics, computational chemistry and chemical information as part of the curriculum at universities and higher teaching institutions

* support of working groups on particular aspects of interest to CIC

* promoting cooperation and knowledge exchange between universities and industry

* supporting the open source idea for the development of chemistry software in the academic environment

* fostering the relationship between international institutions working in this field, in particular to EuCheMS and ACS

* usage of modern communication platforms like social networks

THE CIC DIVISION SPECIFICALLY SUPPORTS

* current applications of computers in chemistry

* chemoinformatics including, e.g., docking methods, QSAR, virtual screening, *in silico* ADMETox

* molecular modelling of chemical, biological, and material systems

* chemical databases (facts, spectra, structures, reactions, algorithms)

* methods for processing chemical information and transforming it into knowledge (statistics, chemometrics, evolutionary algorithms, machine learning)

* improving the management of chemical information

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CIC-Award for Computational Chemistry

The Division awards the annual **CIC-Prize for Computational Chemistry** that honours outstanding doctoral dissertations and master or diploma theses covering topics within the scientific scope of the CIC division and which represent important contributions to the further development of the field.