General information

The Croatian Mathematical Society (CMS) represents mathematicians in the Republic of Croatia. It promotes and supports mathematics on all levels – research and professional, teaching and curricular, applications and connections, public and general.

Contact data: Croatian Mathematical Society, Bijenička cesta 30, HR-10000 Zagreb, Croatia; e-mail: hmd@math.hr; Phone No.: +385 1 46 05 704; Fax No.: +385 1 46 80 335

692 individual members (111 working in universities),
7 institutional members: Croatian Society for Geometry and Graphics, Croatian Biometric Society, Croatian Actuarial Society, Split Mathematical Society, Mathematical Society Zadar, Association of Mathematicians Osijek, Mathematical Society ”Istra”
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History

1885: Croatian Society of Natural Sciences (HPD) – the ’mother’ of all Croatian science societies

1945: the Mathematical and Physical Section of the HPD,
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1946–1965: scientific magazine *Glasnik matematičko-fizički i astronomski*

1949–1990: The Society of Mathematicians and Physicists of Croatia (part of the Union of the Yugoslav Societies of Mathematicians, Physicists and Astronomers); active educational section (from 1950 professional-pedagogical evenings started and exist with varying success until today), book publishing began in the 1950-es, as well as summer schools for high-school teachers, various activities for gifted students (competitions, summer schools, seminars),
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Blanuša snark – 3-regular graph with edge-chromatic number 4, discovered 1946 by Danilo Blanuša (1903–1987)
Sections of the CMS

Within the CMS, four sections are active:

- The Scientific Section (current head: Marcela Hanzer),
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Educational Section

it is a continuation of the earlier same section in The Society of Mathematicians and Physicists of Croatia,

very active, promotes mathematics education on all levels,

prepared and made possible the distribution of calculators to some Croatian schools, and for all the free usage of the Sketchpad software,

organises professional talks (7 during 2018), meetings and seminars for mathematics teachers,

organises various mathematics competitions,


8 Congresses of mathematics teachers in Croatia (2000, 2004, 2008, and since then biannually),
Engineering Section

exists since 1990,

promotes the applications of mathematics in other areas,

organises popular, professional and scientific talks to inform the public about the use of mathematics (in 2018 two talks and one workshop were organised)
Professional Section

- a gathering of teachers of mathematics working in non-university tertiary education,
- organises professional colloquia (in 2018 four professional-methodical meetings were held), public talks and round-table discussions relating to teaching mathematics in tertiary education for various non-mathematical professions,
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as mentioned, various types of conferences are organised by the CMS:

the Croatian Mathematical Congresses (scientific),
the Congresses of Teachers of Mathematics of the Republic of Croatia (educational),
occasional organisation or co-organisation of conferences on specific topics (e.g. Representation Theory – biannually in Inter University Centre in Dubrovnik)
Since the 1950es various types of mathematical competitions for gifted students, in cooperation with the AZOO (Agency for education) mathematical competitions on school level (about 17000 primary and secondary school students participating), regional (3000), state (240) in 13 categories (primary 4th to 8th grade, secondary/high-school 1st to 4th with A and B alternatives), Croatian participants in international competitions are being chosen in the Croatian Mathematical Olympiad (since 2010, 20 to 25 high school students) or Croatian Junior Mathematical Olympiad (since 2017, about 12 primary students); since 2010, Croatian participants have won 5 G, 16 S and 24 B (IMO) and 6 G, 11 S and 23 B (MEMO) medals, Mathematical Kangaroo – in 2018 there were 43425 participating students from 580 primary and 115 high schools.
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*Matkina biblioteka* – 19 mathematics books for primary and secondary students, mostly popular, most recent publication: *Čudesni svijet Matke* (The wonderful world of Matka) – mathematical riddles in comic form published in our journal *Matka*
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CMS Evening of Mathematics

every 1st Thursday in December since 2013,
popular workshops and lectures for all levels of education,
every year the number of participants increases – 2018: 558
primary schools, 97 secondary (high) schools, 88 kindergardens
and 2 societies involved & several extra events in Zagreb, Split and
Osijek – in total 104,649 participants.

in 2016 in Zagreb, and 2017 in Split, an IMAGINARY exhibition
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