

Medzinárodný rok chémie 2011
International Year of Chemistry 2011

IYC 2011 & years after
in SLOVAK REPUBLIC

Celebrate Chemistry



International Year of
CHEMISTRY
2011

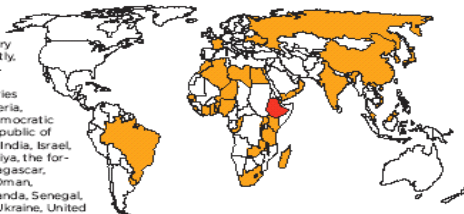
Goals of the International Year of Chemistry:

- Increase the public appreciation of chemistry in meeting world needs
- Increase interest of young people in chemistry
- Generate enthusiasm for the creative future of chemistry
- Celebrate the 100th anniversary of the Madame Curie Nobel Prize and the 100th anniversary of the founding of the International Association of Chemical Societies

The International Year of Chemistry—2011 will celebrate the achievements of chemistry and its contributions to the well-being of humankind.

A United Nation's Proclamation

The UN resolution for the proclamation of 2011 as the International Year of Chemistry was approved by UNESCO and, subsequently, the UN General Assembly. Ethiopia submitted the resolution to UNESCO and the UN General Assembly and the following countries (highlighted on the map) supported it: Algeria, Benin, Brazil, China, Côte d'Ivoire, Cuba, Democratic People's Republic of Korea, Democratic Republic of the Congo, Djibouti, Egypt, France, Ghana, India, Israel, Japan, Kenya, Kuwait, Libyan Arab Jamahiriya, the former Yugoslav Republic of Macedonia, Madagascar, Malawi, Malaysia, Morocco, Niger, Nigeria, Oman, Republic of Korea, Russian Federation, Rwanda, Senegal, Sierra Leone, South Africa, Togo, Uganda, Ukraine, United Republic of Tanzania, Uruguay, Viet Nam, Zambia, and Yemen.



Chemistry—our life, our future

www.chemistry2011.org

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Slovak National Committee for Chemistry of IUPAC

& Division II of IUPAC **(chairman & T. M.)**



International Year of
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„Chémia - náš život, naša budúcnosť“
„Chemistry – our life, our future“

<http://www.chemistry2011.org/>

*Preambula as declared by representatives of IUPAC, UNESCO and UN
when announcing the International Year of Chemistry (IYC 2011),
at 63rd G. A. of UN in December 2008.*

Activities:

- ❖ IUPAC, UNESCO and OSN prepared several worldwide activities of the type of „corner stone“. The local organizers have been advised to prepare and realize appropriate activities also in their regions.
- ❖ Slovak Chemical Society (SCHS) has obtained from the IUPAC in May 2010 the right to mark its own activities by the official logo of IYC 2011. We have also the right to pass under defined conditions this right to individual and associate members of our SCHS, to label this way i. e. conferences or the other relevant activities in 2011th.
- ❖ Thanks to the enthusiasm and focused interest of our numerous members a huge cluster of activities actualized the IYC 2011 in Slovakia as for chemists so for the public, below is presented the basic list of activities through which we have been celebrating IYC

2011 in Slovak republic, details on some of these can be find also as the official activities in the web page of IYC 2011:

- **63rd annual meeting of Slovak & Czech chemists and its exclusive guest.** SCHS in collaboration with ASCHFS prepared this meeting (in early September) not only as the forum for presentations and discussions about the topical knowledge in the area of chemistry, but also as the top event of IYC 2011 in Slovak and Czech republics – **prof. Nicole J. Moreau**, IUPAC president, has accepted our invitation and with her thoughts on “Beyond 2011 – how to make IYC a long lasting success?” celebrated the IYC 2011 also with Slovak and Czech chemists (cf. also at <http://www.chemistry2011.org/participate/activities/show?id=898>).
- **Chemical horizons and Novartis lectures.** These traditional lecture cycles of chemists and for chemists in Slovakia were in 2011th conducted and publicised for the broader audience, with the choice of themes, in the form of „scientific cafe“. Chemical horizons continue as the highly established and influential cycle this and next years.
- **Milestones of chemistry.** This exhibition originally from the ACS has been in Slovakia already translated and in cooperation with ASCHFS and ZCHFP is being enlarged to comprise also the key information on Slovakian chemistry and chemists. The exhibition met publics in various parts of Slovakia, as for chemistry-familiar so for broad public, including students and teachers of high schools.
- **Thematic postage stamp.** The relevant Slovakian authorities have contributed to our effort on design and production. Thus, this Euro-based postage stamp has been released on January 17th 2011 in Slovakia, cf. also at <http://www.chemistry2011.org/participate/activities/show?id=41> .
- **Specialised issue of ChemZi.** The collaboration of Editors with the guarantees of individual activities, associate members, ASCHFS, ZCHFP and also with several industrial subjects enabled to prepare an invaluable info material about chemistry, focused towards Slovakia, which will be interesting and useful also after the closure of the IYC 2011.
- **European Chemistry Thematic Network Association (ECTNA).** Slovak chemical society is one of the founders of this Association. In May 2011th Bratislava and Slovak chemists hosted „Annual conference of European chemistry and chemical engineering education network – EC₂E₂N“ and General Assembly of ECTNA, where about 180 chemists from 26 countries discussed items of university education of chemistry (cf. also at <http://www.chemistry2011.org/participate/activities/show?id=1093>).
- **Educational activities.** SCHS traditionally guarantees Chemistry olympiad in Slovakia and participation of the best Slovak young chemists to International chemistry Olympiad. Moreover, in 2011 with the aim to make chemistry more visible and popular at schools and public have been prepared and have been very successful:
 - A competition of pupils and students of Slovak grammar and secondary schools – “**How & where I see chemistry in everyday life**” and especially

- The participation of Slovak youth in the global IYC experiment **“Water; a chemical solution”** – started during the fair Chemistry Slovakia 2011 and continued all year round.

The booth of SCHS in the fair **Chemistry Slovakia 2011** (one of the IYC 2011 related activities in Slovakia, officially recognised by IUPAC too) held on April 12th – 14th in Bratislava was equipped also for a running the global IYC 2011 experiment. Pupils of several schools have used this opportunity and subsequently have sent their results to the interactive global map of “Water; a chemical solution”. **Prof. J. I. Jin** – Past president of IUPAC, conducted encouraging discussions with the staff and pupils around the “laboratory” of the global IYC 2011 experiment during the 1st day of the fair. Thanks to the earlier complete translation and distribution of the leaflets and instructions, the involvement of Slovak teachers and pupils in the global experiment continued in the facilities of schools all year round and the substantial number of data about waters in Slovakia have appeared in the interactive global map of the results of this corner stone activity of IYC 2001. The feedbacks of teachers, students and pupils showed the attraction and attitudes towards this and similar activities also in the future.

Lukáš Krivosudský, Slovak national contact point & coordinator of the Global experiment



Prof. J. I. Jin with head-teacher and students from Levice, SK.

- **Activities of Working groups of SCHS.** These affected the largest membership of SCHS and comprise a. o.: the edition of textbook, cf. at <http://www.chemistry2011.org/participate/activities/show?id=897>) exerting the topical and future impact on university students; a variety of lectureships, colloquia, conferences and symposia (cf. also at <http://www.chemistry2011.org/participate/activities/show?id=1093>) to reflect the specific fields and aims of Working groups. For the year 2011 also the

global and societal aspects of the role of chemistry in a sense of the motto of IYC 2011 have been reflected in the fair **Chemistry Slovakia 2011**, in cooperation with Incheba - exhibitions and fair company in our country (cf. at <http://www.chemistry2011.org/participate/activities/show?id=896>).

- **Press conferences/briefings**, on occasions of such activities as Annual meeting of chemists, edition of postage stamp, ECTNA meeting, Chemistry Slovakia 2011 fair, in collaboration with ZCHFP. Besides the actualization and spread of the motto of IYC the briefings aimed to inform the Slovak public also about the results of chemical research, education and industry and about the ingress of these upon the life in general.

Following critically the impetus of above activities, several future goals as towards inside the chemist's community so aiming to improve the understanding of chemistry by public and especially youngsters have been made clear and designed. These goals and tasks form "the message of IYC 2011" in our region also towards the years after, and we chemists in Slovakia have agreed to act accordingly and to cultivate the level which has been achieved during the year 2011.



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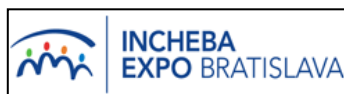


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