

Предисловие редактора тематического выпуска

В двух сборниках журнала опубликованы статьи по докладам, представленным на VI Международном конгрессе «Цветные металлы и минералы–2014».

Традиционно в рамках Международного конгресса состоялась серия значимых мероприятий, которые проводятся с 1995 г.: Международная конференция «Алюминий Сибири», конференция «Металлургия цветных и редких металлов», симпозиум «Золото Сибири», Горно-геологическая конференция, Молодежный форум, а также промышленная выставка оборудования и технологий. Конференция «Алюминий Сибири» отпраздновала свой 20-летний юбилей, на котором собрались все участники, стоявшие у истоков создания самого масштабного металлургического форума России.

В 2014 г. в работе конгресса и выставки приняли участие более 500 представителей 172 компаний из 20 стран мира. В рамках конгресса были организованы и проведены 12 секций, в числе которых впервые прошли секции «Производство кремния» и «Горно-металлургическое оборудование. Логистика, ремонт и обслуживание». Представлено большое количество докладов по литейному производству, материаловедению и пластической обработке металлов, что обусловлено установкой компаний на производство продукции с высокой добавочной стоимостью. Руководители секций конгресса особо отметили доклады, которые представляли студенты старших курсов и аспиранты университетов.

Спонсорами конгресса и выставки выступили ведущие компании России и других стран: РУСАЛ, золотодобывающая компания «Полюс», R&D Carbon, VERDER SCIENTIFIC. Оргкомитет выражает им сердечную благодарность за помощь и внимание, проявленные к конгрессу.

П.В. Поляков

Harald Øye – 80th years full of energy birthday

H.A. Øye is a brilliant expert in chemistry and metallurgy. He was born in Oslo on February 1, 1935. In 1958 he graduated from the Norwegian Institute of Technology and in 1963 he successfully presented his Doctoral thesis. Professor Øye passed all steps of educational and scientific career from the research fellow and associate till the Head of the Institute of Inorganic Chemistry and President the Norwegian Academy of Technological Sciences. Being the director of the Inorganic Chemistry Institute he was an inspiring leader, who has given his coworkers confidence in their own abilities as scientists. His willingness to always undertake new challenges has created an atmosphere of positive attitude among his coworkers to try new research approaches, new experimental methods and new research areas of interest.



Due to his leadership the institute has been transformed into a nationally as well as internationally leading research institution within the light metals area.

Harald Øye was awarded a knighthood by the King of Norway for distinguished merits for the Motherland.

Professor Øye has broad scientific interests. He has never confined himself to a singular area in his research, but always divided his professional interests, talent and dedication into several fields of inorganic and high temperature chemistry. Professor Øye is interested in following research fields: applied research on aluminium and magnesium electrowinning, rare earth chemistry and silicon production; carbon technology; thermodynamic, transport properties and spectroscopy of molten salts and high temperature system.

Professor Øye has been an inspiring teacher for both undergraduate and graduate students. During his career he has been an adviser of 48 students majoring in inorganic chemistry, and he has been a supervisor for educating 32 Dr. ing. candidates. He has more than 300 international publications.

Being full of enthusiasm and immensely vigorous person, speaking several foreign languages, Professor Øye is an active participant and initiator of the international scientific events. As a member of many societies and international committees Harald Øye was elected as a member of six various academies. In Norway Professor Øye organized world famous course: The International Course on Process Metallurgy of Aluminium, where he is a director and chairman.

In Russia Professor Øye is the especially popular and well-known person because:

1. He is a chairman of 33 Aluminium Courses where a lot of Russian experts took training;

2. Together with Dr. M. Sorlie he published the book “Cathodes of Aluminium Cells”, that is the key book for students and specialists in aluminium production industry. Recently the 3rd well prepared edition of the book had been published and translated into Russian.

3. Harald Øye is a permanent participant of the “Aluminium of Siberia” Conferences and “Non-ferrous metals and minerals” Congresses; his reports and lectures always provoke an interest among attendees;

4. Professor Øye has been consulted RUSAL Company in various technological aspects of aluminium production;

5. His personality is immensely attractive; he is ready to satisfy curiosity of others and inspire people with optimism. A conversation with Harold gives people new courage. Simultaneously he is a firm and candid person. Also he loves humor and dancing.

That is why Professor Øye is a significant person and he is respected by all Russian experts, involved in aluminium and carbon materials production. His impact on Russian industry and his influence on the Russian people are enormous.

His merits for Russia were awarded with membership in two Academies – Engineer and Technological.

We are sending Professor Øye our sincere congratulations, best wishes of strong health and many successes in all undertakings!!!

Petr V. Polyakov