Ueli Aebi
EMS President

Nick Schryvers
EMS Secretary

EMS Newsletter 19, May 2007

Dear EMS member,
once again, it's time to update you on a number of recent EMS activities. In close coordination with several local societies, we will soon meet for our 2007 EMS Extension, the "8th Multinational Congress on Microscopy", which will be held in Prague, Czech Republic, 17–21 June, 2007. Coincident with this international event, we will have our Society's 2007 General Assembly on Wednesday, June 20th, from 2:00 to 3:30 pm, in Prague. In preparation of this meeting, the EMS Board met on 4 April in Brussels and approved five scholarships for young researchers to support their attendance of this meeting. Moreover, with the generous support of FEI EMS is able to offer five scholarships for young scientists to attend the symposium on "Quantitative Electron Microscopy for Materials Science at MRS" during this year's fall meeting of the U.S. Materials Research Society in Boston in November. As might be expected, to qualify for any of these scholarships you have to be an EMS member! In addition to four meetings already having been approved last year, EMS sponsoring for two more events, EMAG 2007 in Glasgow from 3 to 9 September, and the 2007 Annual meeting of the Serbian Society for Microscopy in Belgrade from 25 to 28 September, has been approved by the Board at its spring meeting.

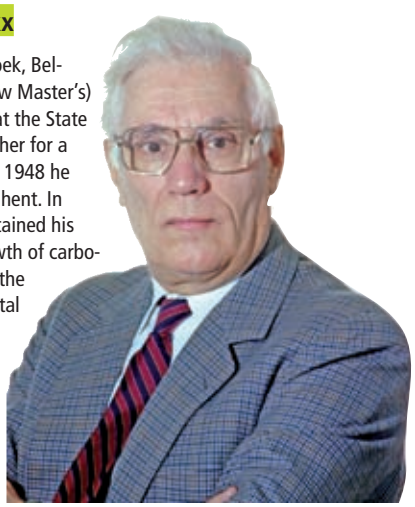
Moreover, upon repeated request, the Board has also decided to install the possibility of EMS patronage, a type of support that does not involve any financial commitment by our Society. Events that aim to obtain EMS patronage should fulfil all criteria for meetings that receive EMS sponsorship except those that relate to financial matters (although a discounted registration fee for students should be provided). In addition, the organizers should submit a letter to EMS explicitly stating as to why they feel their event should receive EMS patronage. More details can be found on the EMS website under the menu item "Meetings".

After a few months of mailing back and forth with the secretarial offices of the various national societies, we have compiled a fully updated membership list for publication in the 2007 Yearbook. In this context, we are happy to tell you that EMS now counts 4,872 members, a 4.6% increase over last year.

With the help of the International Scientific Advisory Committee that has been established, the scientific program of EMC 2008 is slowly but definitely taking shape. Hence, in the coming months you will receive a first flyer with more details about this major European microscopy event that is taking place once every four years. Looking ahead, a letter has been sent to the Boards of all European national societies asking them to suggest candidates being willing to organize the 15th European Microscopy Congress, i.e. EMC 2012. The final venue will be decided by the General Council which will meet in Aachen during EMC 2008.

If you are a frequent visitor of our website, you may have noticed that we have recently been included into the ISI Thomson Scientific web which, we feel, nicely documents the quality and impact of the contents and layout of the EMS website. Meanwhile, a few new items have been added to our website: (1) the corporate members are now better visible with a direct link from the left bar menu; (2) a company info page is now available to the ECMA members; (3) pages with info on "community recognition for microscopists" and "in memoriam" have been added; as well as (4) an internal search engine has been installed. If you have data for any of the new pages, please do not hesitate to send it to our secretary, Nick Schryvers. To close, we are proud to say that, on average, our website is visited around a hundred times per day from more than 40 different countries including several non-European ones (you can check the statistics

In Memoriam Prof. Dr. Em. Severin Amelinckx



Severin Amelinckx was born on 30 October 1922, in Willebroek, Belgium. From 1940 till 1944 he finished his license studies (now Master's) in mathematics plus a candidacy (now Bachelor) in physics at the State University of Ghent. After the war he was a high school teacher for a few years at different Athenea in the Antwerp district and in 1948 he became the first scientific collaborator of Prof. Dekeyser in Ghent. In 1951 he completed his studies in physics and in 1952 he obtained his PhD in physics entitled "Observations concerning spiral growth of carborundum crystals". In 1955 he obtained his Habilitation with the work entitled "Microscopic and interferometric study of crystal surfaces related with the theory of dislocations".
After a few post-doctoral research periods in Groningen, London and Illinois he became lecturer and later extra-ordinary professor at the State University of Ghent. From the start of the State University Centre of Antwerp (RUCA) in 1965 he became extra-ordinary professor at this institute where he initiated the "Centre for High Tension Electron Microscopy". Later he also became professor at the Free University of Brussels and held several teaching chairs at universities abroad including Carnegie Mellon Institute of Technology, Stanford University and La Sorbonne.
In the mean time, in 1959 he became president of the department of Solid State Physics of the "Research Centre for Nuclear Energy" in Mol, Belgium. In 1963 he was appointed Assistant Director General of the Nuclear Centre and in 1975 Director General, which he stayed till his retirement in 1987.
Since 1981 he was a member of the Royal Academy of Sciences, Fine Arts and Literature of Belgium and in 1993 he was governor-president of the Class of Sciences of this Academy. In 1997 he became honourable member of this Academy. He was also a member of the Royal Academy of Overseas Sciences, the Royal Dutch Academy for Sciences and the Academia Europea in London. He was Doctor Honoris Causa at the University of Thessaloniki in Greece, holder of the Belgian Franqui Chair and of several other scientific prices in Belgium and abroad.
Severin Amelinckx was member of different international scientific societies, among which the "International Union of Crystallography". He also was editor or member of the editorial board of about twenty international scientific journals covering a wide span of scientific topics: examples are Physica Status Solidi, Materials Research Bulletin, Journal of Materials Science, Solid State Communications, Journal of Solid State Chemistry, International Journal for Crystal Growth, Ultramicroscopy, Radiation Effects, Applied Physics, Crystal Lattice Defects, Thin Films and Journal of Computational and Applied Mathematics. Together with his co-workers, he has published more than 1,000 scientific publications and several books which received more than 10,000 referrals.
His scientific accomplishments are impossible to describe in a few sentences. He started his carrier with the study of dislocations, at the time still with optical microscopy. Later he stood at the cradle of the development and application of the technique of electron microscopy – diffraction as well as imaging – in materials science, the latter afterwards extended to atomic resolution. He applied this technique to the study of a large diversity of materials such as semiconductors, alloys, dichalcogenides, ceramics, quasicrystals, superconductors, buckyballs, nanotubes, etc. He had a special gift to turn complex diffraction patterns as well as conventional and high resolution electron images into simple or less simple models of structures or defects, always with the aim of better describing and understanding matter. Till a few years ago he still regularly visited the lab he started and even after that he still asked us to send him our most recently published papers.
In the name of his past and present co-workers we would like to add that it has not only been a great honour to have been able to work together with "Mister Amelinckx", but also a great pleasure: his inspiring enthusiasm for science, his phenomenal memory, knowledge and ability to reason together with his gentle character resulted in working with him to be a real treat. The "Centre for High Tension Electron Microscopy" that he started at what is now the University of Antwerp and that later was renamed into "Electron Microscopy for Materials Science", also known as EMAT, now hosts six TEMs, one SEM, one FIB and one X-ray diffractometer and has about 45 co-workers.
Prof. Amelinckx passed away at the St. Elizabeth hospital in Antwerp on 22 February 2007.

Gustaaf Van Tendeloo
Dirk Van Dyck
Nick Schryvers
Jef Van Landuyt
the EMAT Team

yourself at the bottom of the front page). As you might expect, the most successful pages are the job-info and the calendar pages.

As ever, all the best from EMS, and we are looking forward to seeing you in a few weeks at the "8th Multinational Congress on Microscopy", in Prague!

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