

In this issue we collected a number of papers dedicated to Professor Julian Auleytner on the occasion of his 70th birthday, written by his former students, co-workers and colleagues. Professor Auleytner has been an active scientist in the field of X-ray and electron-beam methods applied to the study of real structure of crystalline materials. Already in fifties he contributed markedly to the field by developing an original "oscillating slit method". In early seventies he initiated in the Institute of Physics, Polish Academy of Sciences, a unique method of the bremsstrahlung isochromat measurements. His present interest reaches such modern methods as X-ray standing waves and synchrotron radiation. Today he is very much involved in the study of lattice defects induced by ion implantation and heavy-ion bombardment in semiconductor crystals. Besides research, Professor Auleytner has been engaged in teaching and research managing. He has laid a great emphasis on international cooperation between scientists and has succeeded in developing many close connections with his foreign colleagues. A series of international summer schools devoted to defects in crystals — initiated by him — has been widely appreciated home and abroad.

We have a great pleasure to present this collection of papers honouring Professor Julian Auleytner's scientific activity.

Editorial Committee