

Chronicle

The First Nation-Wide Conference on Luminescence

The First Nation-Wide Conference on Luminescence took place on September 21–24, 1972, in Toruń, Poland.

The organizer of the Conference was the Institute of Physics, Mikołaj Kopernik University of Toruń. This Conference was the first nation-wide meeting of specialist in the field of luminescence but it was not the first conference on this topic in Poland. It was preceded by two international conferences on luminescence, i.e.

1. Réunion Internationale de Photoluminescence (Warsaw, 1963).

2. International Conference on Luminescence (Toruń, 1963).

The aim of the Conference was to obtain an orientation in the last achievements in photoluminescence and electroluminescence of organic compounds as well as a discussion on the research carried out actually in this country. Seven review papers were delivered during the Conference and 40 papers from the speakers' own research were presented. The topics of the plenary papers read during the Conference were the following:

1. "Bound Excitons in the Semiconductor Compounds" by W. Wardzyński, Institute of Physics, University of Warsaw and Institute of Electron Technology, Warsaw.

2. "Luminescence Center and the Electron Traps in ZnS Cu" by A. Wrzesińska, Pedagogical College, Opole.

3. "Luminescence Structure of the Luminescence Centres" by M. Frąckowiak, Institute of Physics, Poznań Technical University.

4. "Luminescence and Photosynthesis Investigation" by D. Frąckowiak, Institute of Physics, Poznań Technical University.

5. "Investigation of the Solvation Shells of the Luminescing Molecules" by A. Kawski, Institute of Physics, Gdańsk University.

6. "Quasilinear Luminescence and Absorption Spectra of the Poliatomic Molecules" by Z. Ruziewicz, Institute of Organic Chemistry, Technical University of Wrocław.

7. "Dye Lasers" by A. Bączyński, Institute of Physics, M. Kopernik University of Toruń.

These plenary papers will be published in the journal "Postępy Fizyki".

The papers on research were presented in two sections: Organic Compound Luminescence (19 papers) and Inorganic Compound Luminescence (21 papers). In the Organic Compound Section some selected problems in the theory of luminescence, fluorescence of solutions excited by modulated light, selfextinction and excitation energy remigration were discussed.

Reports on the authors' own research, which were delivered in the section of Inorganic Compound Luminescence, were focused on the photoluminescence, electroluminescence and thermoluminescence (the majority of the works concerned the $A_{II}-B_{IV}$ compounds) and luminescence in the crystals doped with rare earth ions.

Papers dealing with application of the luminescence in organic and inorganic compounds were also presented. The contributed papers were published in the form of preprints nos. 205 and 206 of the Institute of Physics, M. Kopernik University of Toruń.

About 130 persons representing all the most important scientific centres in Poland participated in the Conference. It was established at the end, that Conferences on Luminescence should be organized every second year, the organizer being the Institute of Physics, M. Kopernik University in Toruń. The Second Nation-Wide Conference on Luminescence will take place in the year 1974 in Toruń.

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