

THE WORKING PLAN OF THE INTERNATIONAL CENTER OF
THE ACADEMIES OF SCIENCES OF THE SOCIALIST COUNTRIES
FOR RAISING THE QUALIFICATIONS OF WORKERS IN
HEAT AND MASS TRANSFER

The second meeting of the Scientific Council of this center was held November 28-29, 1974, in Minsk at the Institute of Heat and Mass Transfer of the Academy of Sciences of the Belorussian SSR. The meeting was opened by the principal scientific secretary of the Presidium of the Academy of Sciences of the Belorussian SSR, A. S. Dmitriev; he stated that the representative of the Academy of Sciences of the Belorussian SSR on the Scientific Council of the center, who was also the director of the institute of the meeting, Academician A. V. Likov, died on June 28, 1974; he was elected President of the Council on March 26, 1974, at the first meeting. The Presidium of the Academy of Sciences of the Belorussian SSR had designated his representative on the Council, and also as Director of the Institute of Heat and Mass Transfer, A. G. Shashkov, associate member of the Academy of Sciences of the Belorussian SSR, who would take over the duties of President of the Scientific Council of the center for the remaining period.

TABLE 1. 1975-1976 Plan of the International Institute

No.	Area	Scientific topics	Duration and time
1	a) Instruction program Rheological course (at the Institute of Heat and Mass Transfer, Academy of Sciences of the Belorussian SSR)	Heat and mass transfer in rheologically complex media (non-Newtonian fluids and dispersions)	24 February, 24 May 1975
1a	School on heat and mass transfer in rheological media	1. Theoretical rheology 2. Rheometry 3. Polymer rheology and thermophysics 4. Dispersion rheology and thermophysics 5. Effects of polymers on turbulent convective transport 6. Convection in rheologically complex system 7. Flow and heat and mass transfer in plant 8. Electrorheology and magnetorheology	16-28 April 1975
2	Course on experimental research methods in heat and mass transfer	Methods of measuring temperature and velocity distributions and heat fluxes, including anemometry, thermometry, radiometry, and optical methods. Design of automatic data-processing and capture systems	18 September 18 December 1975
2a	Seminar on current on experimental research methods in heat and mass transfer	Methods of measuring temperature and velocity distribution and heat fluxes, including anemometry, thermometry, radiometry, and optical methods. Design of automatic data-processing and capture systems	First half of October 1975
3	Seminar on hydrodynamics and heat and mass transfer in turbulent flow	Semiempirical methods in the theory of turbulent flow, experimental results and calculation methods	1 week, December 1975 or January 1976
4	Course on low-temperature plasma (at Institute of Heat and Mass Transfer, Academy of Sciences of the	Heat and mass transfer in low-temperature plasmas	3 months, February-May 1976

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TABLE 1. Continued

No.	Area	Scientific topics	Duration and time
4a	International summer school: physics and engineering of low-temperature plasma	Methods of calculating the properties of low-temperature plasmas, optical plasma diagnosis, electrode processes in arc discharges, processes in discharge chambers, methods of producing HF and UHF plasmas, stability of arc discharge, heat transfer in low-temperature plasmas	2 weeks, May 1976
5	Course on transport in porous media (at the Institute of Heat and Mass Transfer, Academy of Sciences of the Belorussian SSR);	Porous structure, mechanical and thermophysical properties. Heat and mass transfer in porous bodies with and without chemical reaction, adsorption, etc.	3 months, September-December 1976
5a	International seminar on the properties of porous materials and transport in them	Porous structure, mechanical and thermophysical properties. Heat and mass transfer in porous bodies with and without chemical reaction, adsorption, etc.	Period and date to be defined
6	International seminar on method of solving transport equations	Exact topics to be defined	December 1976 or January 1977

The Council discussed the work of the international center for 1974 and confirmed the plan for 1975-1976 (Table 1).