

ILMAR ÖPIK AS A SUPERVISOR AND OPPONENT

Students' Studies Supervised:

- *Ots, A.* Problems of heat exchange in combustors fired by pulverized oil shale // Transact. Tallinn Polytech. Inst. 1956. Ser. A, No. 67. P. 40–51.
- *Soodla, U.* Modelling of air preheater to study the possibilities to avoid sintering of fly ash on boiler heating surfaces // *Ibid.* P. 30–39.

Ph.D Dissertations Supervised:

- *Mikk, I.* Kukersite Oil Shale Fly-Ash Deposits on Tubes. Tallinn, 1957. Def. Oct. 3, 1957 at Tallinn Polytech. Inst., Department of Thermal Power Engineering.
- *Reznik, V.* Creation of High-Capacity Boilers for Baltic Oil Shales. Taganrog – Tallinn, 1963. 192 p. Def. Dec. 20, 1963.
- *Taal, H.* Volatilization of Mineral Components of Estonian Oil Shale at High Temperatures. Tallinn, 1964. 100 p. Def. May 7, 1965 at Tallinn Polytech. Inst.
- *Õispuu, L.* Grinding of Estonian Oil Shales. Tallinn, 1965. 176 p. Def. Nov. 25, 1966 at Tallinn Polytech. Inst.
- *Khirstich, L.* High-Temperature Gaseous Corrosion Depending on Temperature of Fuel Oil Combustion Products. Tallinn, 1971. 216 p. Def. Jan. 25, 1972 at Tallinn Polytech. Inst.
- *Ots, Agu.* Transformation of Gaseous Potassium Additive in Sulfur-Free Combustion Products in Deposits on Heat Transfer Surfaces Considering Temperature Conditions in Steam Generator Flue. Tallinn, 1987. 283 p. Def. April 9, 1987 at Tallinn Polytech. Inst.



At a session of Doctoral Committee of TTU, 1982
From left: A. Ots, I. Öpik, I. Mikk (1925-1989)



Ilmar Öpik and Viktor Jefimov at a conference on oil shale energy, 1985

**International Symposium on Energy and Environment,
August 25-28, 1991, Finland**



The participants of the symposium on prof. A. Yahkola's yacht and having a picnic

Ph.D Dissertations Opposed:

- *Kikas, V.* Ash of Estonian Oil Shale – Kukersite as Binder. Tallinn, 1954. 210 p.
Def. April 6, 1955 at Tallinn Polytech. Inst.
- *Vdovenko, M.* Prognosis of the Impact of Power-Generating Coal Mineral Matter on Boiler Operation Depending on Coal Physical-and-Chemical Characteristics. Alma-Ata, 1970. 530 p.
Def. May 25, 1971.
- *Kleis, I.* Some Studies on Abrasive Erosion. Tallinn, 1970. 271 p.
Def. Nov. 23, 1971.
- *Talimets, E.* Investigation of High-Temperature Corrosion of Iron and Steels in the Presence of Oil Shale Ash. Tallinn, 1971. 154 p.
Def. Nov. 16, 1971 at Tallinn Polytech. Inst.
- *Janovski, L.* Intensification of Ash Catching in Electrostatic Precipitators at Thermal Power Plants. Moscow, 1973. 178 p.
Def. Nov. 22, 1973.
- *Kikas, V.* Investigation and Application of Oil-Shale-Ash Cement. Tallinn, 1974. 60 p. Doctoral thesis. Tallinn Polytech. Inst.
- *Käär, H.* Thermal and Physical Studies on Impact of Fouling and Cleaning of Convective Heat Exchange Surfaces. Kaunas, 1991. 46 p. Doctoral thesis.
Def. March 28, 1991.

ENEREX Exhibition in Tampere (Finland), 1996



Ilmar Öpik and Mati Kaare

Ilmar Öpik with other participants

Ilmar Öpik visiting Prof. J. Zelkowski at the Institute of Chemical Technology and Fuel Technics in Clausthal (Germany), 1994

On the way to the institute



In the study



Prof. J. Zelkowski and I. Öpik



Clausthal is located in the Harzs

Inauguration of the office of ESTIVO, Tallinn, 1998

I. Öpik and K. Huopalahti



J. Leimann, J. Alasi and I. Öpik