

## PROGRAM

July 1 (Monday)

9.30 -10.30 **Registration**

(Institute of Physical Chemistry of RAS, Leninsky prospect, 31)

10.30 -11.00 **Opening**

(chairpersons: S.V.Kryutchkov, K.Yoshihara)

**Plenary Lectures**

(chairperson: B.F.Myasoedov)

11.00 -11.30 "Historical Survey of Technetium Studies"  
*M.Sakanoue (Kanazawa Univ., Japan)*

11.30 -12.00 "Introduction to Technetium Nuclear Chemistry and Related Topics"  
(invited) *K.Yoshihara (Tohoku Univ., Sendai, Japan)*

12.00 -12.30 "State of Art of the  $^{99m}\text{Tc}$ -Radiopharmaceuticals in Russia"  
*G.E.Kodina, V.N.Korsunsky (State Sci. Center "Inst. Biophys.", Moscow, Russia)*

12.30 -13.00 "Development of Partitioning Process Including Technetium Separation from High-Level Liquid Waste"  
*M.Kubota, I.Yamaguchi, Y.Moriita, I.Yamagishi (Dept. Chem. Fuel Res., JAERI, Japan)*

13.00 -14.30 **Lunch**

Section 1.

**Reprocessing and Geosphere Behavior of Technetium**  
(chairpersons: V.S.Koltunov, M.Kubota)

14.30 -14.50 "A Study of the Kinetics and Mechanism of Reduction of Technetium Dioxide to Metal"  
*P.P.Chinenov, S.I.Rovniy, V.V.Ershov, V.I.Kapitonov, V.F.Peretroukhin, S.V.Kryutchkov (CZL, PO "Mayak", Ozersk, Russia)*

14.50 -15.10 "Technetium Migration Experiments under Deep Geological Conditions"  
*M.Kumata, T.T.Vandergaaf (Envir. Safety Dept., JAERI, Japan)*

15.10 -15.30 "Technetium in Liquid Radioactive Wastes and Environment"  
*V.F.Peretroukhin, I.M.Kosareva, K.E.German, M.K.Savoushkina, S.M.El-Waer (Inst. Phys. Chem., RAS, Moscow, Russia)*

15.30 -15.50 **Break**