

T A B L E O F C O N T E N T S O F V O L . 2

INVITED PAPERS

F. BOTTIGLIONI, J. COUTANT, M. FOIS - Plasma heating by cluster injection : basic features and expected behaviour.	1
R.N. SUDAN - Plasma heating in toroidal systems by pulsed high-power charged-particle beams.	39
E. THOMPSON - Perspectives of neutral beam injection techniques.	93
J.G. CORDEY - Theory of neutral injection heating of toroidal plasma.	107
F.P.G. VALCKX - The development of neutral injectors at Fontenay-aux-Roses.	117
TFR GROUP - Neutral injection heating in TFR.	141
T. KAWAMURA, T. KAWABE - The roles of turbulence on plasma heating.	179
J. SHEFFIELD - Additional heating in JET.	205
H. SHIRAKATA - Additional heating in the Japanese Tokamak JT-60.	219
G. SCHMIDT - Nonlinear processes in plasma heating.	239
P. BLANC, W. HESS, G. ICHTCHENKO, P. JAVÉL, P. LALLIA, C. MAHN, T.K. NGUYEN, W. OHLENDORF, G.W. PACHER, H.D. PACHER, S. TAKAMURA, G. TONON, J-G. WEGROWE - Lower hybrid experiments in the Wega Tokamak.	251
M. BRAMBILLA, P. LALLIA, T.K. NGUYEN - Waveguide coupling of lower hybrid waves.	283
A. IIYOSHI, T. OBIKI, M. SATO, A. SASAKI, T. MUTOH, S. ADACHI, K. UO - Ion cyclotron and shear Alfvén wave heating on the Heliotron D.	305
G. CATTANEI, R. CROCI - Theory of ion cyclotron resonance heating.	313

POSTDEADLINE CONTRIBUTED PAPERS

F.W. PERKINS - The ICRH Tokamak fusion test reactor.	333
V.M. GLAGOLEV, Yu.V. SKOSSYREV - Experimental study and prospects for plasma heating in the lower hybrid resonance frequency range.	341
V.L. VDOVIN, N.V. SHAPOTKOVSKII, V.D. RUSANOV - Wave generation and heating of ions at ion cyclotron frequencies in Tokamak device TM-1-VCh.	349
A. BUFFA, S. COSTA, R. GIANNELLA, G. MALESANI, G.F. NALESSO, S. ORTOLANI - Experiments on the heating and energy balance of a reversed field pinch.	359
K.N. SATO, S. OKADA, S. KOGOSHI, S. SUDO, H. TSUJI, Y. OHWADANO, T. SEKIGUCHI - High-temperature high-quality deuterium plasma production by laser beam and interactions with magnetic fields.	367
V.V. ALIKAEV, Yu.I. ARSENYEV - High frequency power sources applied for plasma heating in TM-3 Tokamak.	375
N.L. TSINTSADZE - Nonlinear phenomena due to electron mass oscillation.	381
V.K. BOCHAROV, V.G. KONOVALOV, V.I. KONONENKO, B.V. KRAVCHIN, E.A. SUKHOMLIN, V.A. SUPRUNENKO, A.M. TERNOPOL, F.F. TERESHCHENKO - Current plasma heating in $l = 1$ torsatron "VINT-20".	401
V.A. SUPRUNENKO, E.A. SUKHOMLIN, E.D. VOLKOV, N.F. PEREPELKIN - Turbulent current heating of a dense plasma.	407
K.C. GOLOVANIVSKY, A.M. PUNITHAVELU - On the parametric cyclotron heating of a toroidal plasma.	411
R.R. WEYNANTS, P. JAVEL, G. MULLER - The lower-hybrid decay spectrum in the presence of well-developed resonance cones in the Wendelstein 2A - Stellarator.	421
AUTHOR INDEX	431