TABLE OF CONTENTS

Foreword	1
 YOUNG STELLAR OBJECTS (YSO) EVOLUTION	
R. CESARONI / Outflow, Infall, and Rotation in High-Mass Star Forming Regions	5–17
A.M.S. RICHARDS, R.J. COHEN, M. CROCKER, E.E. LEKHT, E. MENDOZA and V.A. SAMODUROV / MERLIN and Puschino Observations of H ₂ O Masers in Outer Galactic SFR S128N	19–25
J. COHEN / Observing Magnetic Fields in Star-Forming Regions	27–36
A. NIEZURAWSKA, M. SZYMCZAK, A.M.S. RICHARDS and R.J. COHEN / Evidence for Co-Propagation of 4765- and 1720-MHz OH Masers in Star-Forming Regions	37–42
D. GALLI / Magnetic Fields in Star-Forming Regions: Theoretical Aspects	43–51
J.M. TORRELLES, N. PATEL, J.F. GÓMEZ, G. ANGLADA and L. USCANGA / VLBI Water Maser Proper Motion Measurements in Star-Forming Regions	53–63
I. DE GREGORIO-MONSALVO, C.J. CHANDLER, J.F. GÓMEZ, T.B.H. KUIPER, J.M. TORRELLES and G. ANGLADA / High-Resolution Observations in B1-IRS: Ammonia, CCS and Water Masers	65–70
HIROSHI IMAI and ANUJ P. SARMA / The Kinematics, Physical Condition and Magnetic Field of the W3 IRS5 Region	71–75
C. GODDI, L. MOSCADELLI, W. ALEF and J. BRAND / EVN Observations of H ₂ O Masers Towards the High-Mass Young Stellar Object in AFGL 5142	77–81
 AGN/STARBURST EVOLUTION	
J.H. KNAPEN / Gravitationally Induced Inflow in Starbursts and AGN	85–94
M. KRIPS, A. ECKART, R. NERI, J.-U. POTT, J. ZUTHER, J. SCHARWÄCHTER and T. BERTRAM / Feeding Monsters – A Study of Active Galaxies	95–100
J. SCHARWÄCHTER, A. ECKART, S. PFALZNER, J. ZUTHER, M. KRIPS, E. SCHINNERER and J. STAGUHN / The QSO Hosts I Zw 1 and 3C 48: Prototypes of a Merger-Driven Quasar Evolution?	101–106

C. HENKEL, J.A. BRAATZ, A. TARCHI, A.B. PECK, N.M. NAGAR, L.J. GREENHILL, M. WANG and Y. HAGIWARA / H ₂ O Megamasers: Accretion Disks, Jet Interaction, Outflows or Massive Star Formation?	107–116
A. TARCHI, C. HENKEL, M. CHIABERGE, K.M. MENTEN, A. BRUNTHALER and L. MOSCADELLI / Probing the Obscuring Medium Around Active Nuclei Using Masers: The Case of 3C 403	117–123
Y. HAGIWARA / Low-Luminosity Extra-Galactic H ₂ O Masers	125–130

STATISTICAL APPROACH

J. BRAND, R. CESARONI, G. COMORETTO, M. FELLI, F. PALAGI, F. PALLA and R. VALDETTARO / Monitoring Water Masers in Star-Forming Regions	133–141
S. AALTO / Dense Gas, Chemistry and Star Formation in Luminous Galaxies	143–153
E. OLSSON, S. AALTO and S. HÜTTEMEISTER / A Molecular Ring in the Liner NGC 5218	155–160
A. PEDLAR / Neutral Gas in Starbursts and Active Galactic Nuclei	161–169
F.P. ISRAEL / CO, ¹³ CO, and [CI] in Galaxy Centers	171–176

DIAGNOSTICS OF YSO

M.R. HOGERHEIJDE / Chemical Evolution of Protostars	179–187
A.M. SOBOLEV, E.C. SUTTON, D.M. CRAGG and P.D. GODFREY / Model of the W3(OH) Environment Based on Data for Both Maser and “Quasi-Thermal” Methanol Lines	189–196
S. GOEDHART, M.J. GAYLARD and D.J. VAN DER WALT / Long-Term Monitoring of 6.7- and 12.2-GHZ Methanol Masers	197–202
M.G. HOARE / Ultra-Compact H II Regions	203–215
M. VORONKOV, A. SOBOLEV, S. ELLINGSEN, A. OSTROVSKII and A. ALAKOZ / Maser Action in Methanol Transitions	217–223
C.J. PHILLIPS and H.J. VAN LANGEVELDE / The Methanol Maser Emission in W51	225–229
M. PESTALOZZI, M. ELITZUR, J. CONWAY and R. BOOTH / NGC7538 IRS1 N: Modeling a Circumstellar Maser Disk	231–236

DIAGNOSTICS OF AGN/STARBURSTS

M. SPAANS and R. MEIJERINK / Dense Molecular Gas Around Protostars and in Galactic Nuclei: PDRs and XDRs	239–248
H.J. VAN LANGEVELDE, Y. PIHLSTRÖM and A. BEASLEY / Molecular Absorption in Cen A on VLBI Scales	249–255
M.R. HUNT and J.B. WHITEOAK / High-Resolution Acta Observations of the Circumnuclear Molecular Clouds of NGC 4945	257–262
W.A. BAAN, H.-R. KLÖCKNER / Megamasers: Molecular Diagnostics of the Nuclear ISM	263–275
H.-R. KLÖCKNER and W.A. BAAN / Understanding Extragalactic Hydroxyl	277–283
E.M.L. HUMPHREYS, A.L. ARGON, L.J. GREENHILL, M.J. REID and J.M. MORAN / The Sub-PC Scale Accretion Disk of NGC 4258	285–289
Y.M. PIHLSTRÖM / OH Megamasers: Circumnuclear Gas in Starbursts	291–296
A.G. POLATIDIS, J.E. CONWAY, Y.M. PIHLSTRÖM and R. PARRA / Continuum EVN and MERLIN Observations of Ultra Luminous Infrared Galaxies	297–302
T. BERTRAM, A. ECKART, M. KRIPS and J. STAGUHN / Molecular Gas in the Abell 262 Cluster Galaxy UGC 1347	303–308
M. GRAY / Dense Gas Diagnostics: Maser Excitation and Variability	309–318
J. CONWAY, M. ELITZUR and R. PARRA / Spectral Line and Continuum Radiation Propagation in a Clumpy Medium	319–324
R. PARRA, J. CONWAY and M. ELITZUR / A Thin Ring Model for the OH Megamaser in IIZw35	325–330