



TIMETABLE

Monday 14th

## Reception at the DPG house in Bad Honnef

12.30 \*\*\*\*\* LUNCH \*\*\*\*\*

13.50 Welcome by Professor Dr. Richard Wielebinski (Executive Director)

## — Molecular Clouds I —

chairman: Richard Wielebinski

14.00-14.15 Millimeter, Optical and Infrared Observations of the Thumbprint Nebula

*Kimmo Lehtinen*14.15-14.30  $^{12}\text{CO}(3-2)$  Measurements of NGC 281 (S 184)*Katharina Martin*

14.30-14.45 Properties of the Dense Gas in Galactic Molecular Clouds

*Lev E. Pirogov*14.45-15.00 Multiline CS and  $\text{NH}_3$  Observations of the Dark Cloud L 1455*Jaime Juan*

15.00-15.15 The Origin of Broad Line Wing Emission in MBM 16

*Bernd Götting*

15.15-15.30 Dense Gas in HH 24-26

*Andrew Gibb*

15.30-16.00 \*\*\*\*\* COFFEE BREAK \*\*\*\*\*

## — Radio Surveys —

chairman: Rainer Mauersberger

16.00-16.15 Centimeter-Wave Spectra of a Sample of Radio Sources from the 87GB Catalog

*Albert Khabrakhmanov*

16.15-16.30 The Westerbork Northern Sky Survey

*Yuan Tang*

16.30-16.45 Recent MERLIN Observations of Seyfert Nuclei

*Marek J. Kukula*

17.00-17.15 \*\*\*\*\* short break \*\*\*\*\*

17.15-17.45 REVIEW: Dense Gas in Galactic Nuclei

*Rainer Mauersberger*

18.30 \*\*\*\*\* DINNER \*\*\*\*\*

## Tuesday 15th

8.00 \*\*\*\*\* BREAKFAST (Good Morning !!) \*\*\*\*\*

## — Simulations of Gas Dynamics —

chairman: Harald Lesch

- 9.00- 9.15 Elliptical Streamlines in the Inner Galaxy  
*Heiko Kampmann*
- 9.15- 9.30 Formation of H I Clouds in the Hot Gaseous Corona of the Galaxy  
*Enn Kasak*
- 9.30- 9.45 Cosmic Ray Path-Length Simulations — A Test of the Galactic Magnetic Field Structure  
*Marian Soida*
- 9.45-10.00 On the Synchrotron Emission Spectrum of Relativistic Electrons Moving in a Cosmic Plasma  
*Anton G. Goundyrev*
- 10.00-10.15 High-Q Oscillator in Solar and Stellar Flares  
*Yuri Tsap*
- 10.15-10.45 \*\*\*\*\* COFFEE BREAK \*\*\*\*\*

## — Stars —

chairman: Ernst Fürst

- 10.45-11.00 The Bipolar Outflow of the Carbon Star V Hya  
*Philippe Audinos*
- 11.00-11.15 First Results from the IRAM Interferometer  
*Roberto Neri*
- 11.15-11.30 Simultaneous Observations of Solar Active Region Sources  
*Alexandros Nindos*
- 11.30-11.45 Searching for Protoplanetary Disks Around Young Stars  
*José F. Gómez*
- 11.45-12.00 A VLA Search for OH/IR Stars in the Inner Parts of the Galactic Disk  
*Walter F.P. Michiels*
- 12.30 \*\*\*\*\* LUNCH \*\*\*\*\*

14.00 Visit of the Max-Planck-Institut für Radioastronomie (Bonn)

15.00 REVIEW by Richard Wielebinski

VISIT OF LABORATORIES

18.30 \*\*\*\*\* COLD BUFFET \*\*\*\*\*

## Wednesday 16th

8.00 \*\*\*\*\* BREAKFAST (... oh, what a wonderful day ...) \*\*\*\*\*

## — Telescope Technique —

chairman: Ulrich Klein

- 9.00- 9.15 Real-Time Surface Control of Large Aperture Radio Telescopes  
*Yuri N. Shamanin*
- 9.15- 9.30 Millimetre Telescope Surface Diagnosis using Phase Retrieval Microwave Holography  
*Kaj Wiik*
- 9.30- 9.45 The Cosmic Anisotropy Telescope  
*Martin Robson*
- 9.45-10.00 A 2048 Channel Autocorrelator for Noto and Medicina Radiotelescopes  
*Gino Tuccari*
- 10.00-10.15 The Bonn CCD-Camera for Wide Field Photometry and Polarimetry  
*Wolfram Herkendell*

10.15-10.45 \*\*\*\*\* COFFEE BREAK \*\*\*\*\*

## — VLBI Observations —

chairman: Richard W. Porcas

- 10.45-11.00 Geodetic VLBI Observations at Onsala and SEST  
*R.T. Kenneth Jaldehag*
- 11.00-11.15 Astrophysical Investigation of Geodetic VLBI Campaigns  
*Silke Britzen*
- 11.15-11.30 The RADIOASTRON Sky Program  
*Sándor Frey*
- 11.30-11.45 VLBI Observations of BL Lac Objects  
*Carlo Stanghellini*
- 11.45-12.00 The Recognition of BL Lacertae Objects  
*Maria M. Marchã*

12.05 !!!!!! everybody gets a LUNCH package !!!!!!

12.15 **Bus Tour to the Effelsberg 100-m radio telescope**

about 14.00 **REVIEW: 7-mm VLBI**

*Thomas Krichbaum*

about 14.30 **GUIDED TOUR AT THE OBSERVATORY**

about 16.00 **VISIT OF THE AHR VALLEY**

about 20.00 \*\*\*\*\* cold BUFFET \*\*\*\*\*

## Thursday 17th

8.00 \*\*\*\*\* BREAKFAST (we know it's hard for you ....) \*\*\*\*\*

## — Molecular Clouds II —

chairman: Rainer Beck

- 9.00- 9.15 H I 21-cm Continuum Absorption Experiment towards DR 7  
*Matthias Wrigge*
- 9.15- 9.30 Neutral Hydrogen in the High-Latitude Molecular Cloud MBM 40  
*Jürgen Osterberg*
- 9.30- 9.45 OH Clouds by Their Absorption Lines in the Direction of Galactic Sources  
*Igor V. Shajkin*
- 9.45-10.00 Nitrogen Isotope Abundance in The Galactic Disk  
*Gereon Dahmen*
- 10.00-10.15 The High Velocity and High Density Gas in Orion  
*Arturo Rodríguez-Franco*
- 10.15-10.45 \*\*\*\*\* COFFEE BREAK \*\*\*\*\*

## — Masers —

chairman: Christian Henkel

- 10.45-11.00 A Search for Methanol Masers at 36 GHz  
*Artem M. Dzura*
- 11.00-11.15 Variability of 12 GHz Masers  
*Luca Moscadelli*
- 11.15-11.30 On Recombination Line Profiles in MWC 349  
*Victor O. Ponomarev*
- 11.30-11.45 H<sub>2</sub>O Masers in H II Regions  
*Claudio Codella*
- 11.45-12.00 "Space Molecules" Spectra Investigation in the Millimeter Band  
*Eugene A. Alekseyev*
- 12.30 \*\*\*\*\* LUNCH \*\*\*\*\*

## Thursday 17th (cont.)

## — Extragalactic Radio Jets —

chairman: Arno Witzel

- 14.00-14.15 Relativistic Jet Simulations  
*Mark Bowman*
- 14.15-14.30 An Estimation of Superluminal Motion Speed in 3C 309.1  
*Rafal Maszkowski*
- 14.30-14.45 Extreme Superluminal Motion in CTA 102 ?  
*Fredrik T. Rantakyrö*
- 14.45-15.00 VLBI Observations of the Quasar 4C 39.25  
*José Carlos Guirado*
- 15.00-15.15 IRAM PdB Interferometer: Flux Calibration (Accuracy)  
*Anne Dutrey*
- 15.15-16.00 \*\*\*\*\* COFFEE BREAK \*\*\*\*\*

## — Continuum &amp; Polarization —

chairman: Anvar Shukurov (?)

- 16.00-16.15 The Estimation of the Magnetic Field Strength in a Double Radio Source  
*Stephen Turner*
- 16.15-16.30 Distant Radio Galaxies  
*Rob van Ojik*
- 16.30-16.45 The Intrinsic Magnetic Field Orientation in NGC 4631  
*Götz Golla*
- 16.45-17.00 \*\*\*\*\* short break \*\*\*\*\*
- 17.00-17.30 **REVIEW:**  
*Anvar Shukurov (Moscow)*  
or time for additional **discussions**
- 18.30 CONFERENCE DINNER in the "Bürgerstube"

## Friday 18th

8.00                               \*\*\*\*\* BREAKFAST               (it's nearly ☹ver ....)               \*\*\*\*\*

## — Extragalactic Line Observations —

chairperson: Janusz Gil

9.30- 9.45   Neutral Hydrogen in the Starburst Galaxy NGC4102

*Mark Verheijen*

9.45-10.00   Neutral Hydrogen in two Distant Abell Clusters

*Patricia A. Henning*

10.00-10.15   CO in Ring Galaxies

*Cathy Horellou*

10.15-10.45                       \*\*\*\*\* COFFEE BREAK               \*\*\*\*\*

## — Pulsars —

10.45-11.00   Identification of Polarization Mode of PSR 0329+54 at 10.55 GHz

*Kiriaki M. Xilouris*

11.00-11.15   Timing of Millisecond Pulsars at Nançay

*Ismael Cognard*

11.15-11.30   Free Precession in Radio Pulsars

*Oleg V. Doroshenko*

11.30-11.45

11.45-12.00

12.30                               \*\*\*\*\* LUNCH               \*\*\*\*\*

— The End —

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.00	- - - -	B R E A K F A S T			
9.00	WELCOME	Heiko Kampmann	Yuri Shamanin	Matthias Wrigge	
9.15	-	Enn Kasak	Kay Wiik	Jürgen Osterberg	
9.30	-	Marian Soida	Martin Robson	Igor Shajkin	Marc Verheijen
9.45	-	Anton Goundyrev	Gino Tuccari	Gereon Dahmen	Trish Henning
10.00	RECEPTION	Yuri Tsap	Wolfram Herkendell	A. Rodriguez-Franco	Cathy Horellou
10.15	in				
10.30	Bad Honnef	C O F F E E B R E A K			
10.45	-	Philippe Audinos	Kenneth Jaldehag	Artem Dzura	Kyriaki Xilouris
11.00	-	Roberto Neri	Silke Britzen	Luca Moscadelli	Ismael Cognard
11.15	-	Alexandros Nindos	Sandor Frey	Victor Ponomarev	Oleg Doroshenko
11.30	-	José Gómez	Carlo Stanghellini	Claudio Codella	
11.45	-	Walter Michiels	Maria Marchã	Eugene Alekseyev	
12.00	-				
12.15	L U N C H		L U N C H	L U N C H	
12.30			PACKET		
12.45			bus to		
13.00			Effelsberg		
13.15					
13.30					
13.45	WELCOME				
14.00	Kimmo Lehtinen	visit	* REVIEW *	Mark Bowman	
14.15	Katharina Martin	to the	T. Krichbaum	Rafal Maszkowski	
14.30	Lev Pirogov	MPI		Fredrik Rantakyro	
14.45	Jaime Juan			José Guirado	
15.00	Bernd Götting	* REVIEW *		Anne Dutrey	
15.15	Andy Gibb	Prof. Wielebinski			
15.30	C O F F E E			C O F F E E	
15.45	B R E A K			B R E A K	
16.00	A. Khabrakhmanov			Stephen Turner	
16.15	Yang Tang			Rob van Ojik	
16.30	Marek Kukula			Götz Golla	
16.45	short break			short break	
17.00	* REVIEW *			* REVIEW *	
17.15	R. Mauersberger			A. Shukurov	
17.30				or	
17.45				Discussions	
18.00					
18.15					
18.30	D I N N E R			C O N F E R E N C E	
18.45		cold B U F F E T	cold B U F F E T	D I N N E R	
19.00		"	"		
19.15		"	"	"	
19.30				"	
19.45				"	