
Proceedings of the XXVIIth *Young European Radio Astronomers Conference* (YERAC).

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YERAC: Contributions

These papers were written in LaTeX using the CUP conference style file. They were converted to html for the WWW using [LaTeX2HTML](#), with suitable customization.

With LaTeX2HTML all the equations and maths mode text in each paper are included in the WWW version of the paper as small images (.gif files). **You will, therefore, need to adjust the size of the text in your browser so that the text/maths font sizes match each other.**

Large versions of all the figures are available if you click on the small "thumbnail" figures that are included in the main body of each paper.

In addition to the hypertext version of each paper, indicated by the link from the title of the paper, there are links to postscript versions of each paper, which are suitable for printing if you want a hardcopy of a given paper.

The papers are listed alphabetically by the first author, who was the person who presented the paper at the YERAC meeting.

[On possible extension of the unification scheme of radio galaxies and quasars](#)

Krzysztof Tadeusz Chyzy (or [postscript](#))

[A water maser search towards colour-selected IRAS point sources](#)

Claudio Codella and Francesco Palla (or [postscript](#))

[The quasar fraction in a sample of giant radio sources](#)

Garret Cotter (or [postscript](#))

[MERLIN observations of bipolar outflow from HM Sagittae](#)

Stewart Eyres, Harold Kenny, Jim Cohen, Huw Lloyd, Sean Dougherty, Richard Davis and Mike Bode
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[The Status of Hungarian Space VLBI Assistance Software](#)

Sandor Frey (or [postscript](#))

[An expanding plasmon model for the radio outbursts of Cir X-1](#)

Joan Garcia (or [postscript](#))

[Radio observations of the Marano Field](#)

Carlotta Gruppioni (or [postscript](#))

[A CLEAN-based method for mosaic deconvolution](#)

F. Gueth, S. Guilloteau and F. Viallefond (or [postscript](#))

[Jets in nearby FRII radio galaxies](#)

Martin Hardcastle (or [postscript](#))

[Scaling relations for molecular gas in the Large Magellanic Cloud](#)

Arto Heikkilä (or [postscript](#))

[Sub-mm and radio observations of water maser sources](#)

Tim Jenness (or [postscript](#))

[MERLIN Observations of the Radio Jets of SS433](#)

Frederick H. Jowett and Ralph E. Spencer (or [postscript](#))

[The use of Positive Matrix Factorization in the analysis of molecular line spectra from the Thumbprint Nebula](#)

Mika Juvela, Kimmo Lehtinen and Pentti Paatero (or [postscript](#))

[Photon dominated regions: observation and theory](#)

B. Köster, N. Schneider, H. Störzer and J. Stutzki (or [postscript](#))

[Structure of Active Galactic Nuclei in a model with the radial magnetic field](#)

Yuri Y. Kovalev (or [postscript](#))

[A possible turn-over in pulsar spectra at mm-wavelengths?](#)

Michael Kramer, Richard Wielebinski, Axel Jessner, Kiriaki M. Xilouris and Michail Timofeev (or [postscript](#))

[Possible manifestation of the gravitational lensing effect in single pulsar timing](#)

T. I. Larchenkova and O. V. Doroshenko (or [postscript](#))

[The distant DRAGNs survey](#)

J. Duncan Law-Green (or [postscript](#))

[High-frequency Radio Continuum Observations of Giant Radio Galaxies](#)

K.-H. Mack, U. Klein, L. Saripal Li, R. Strom and R. Wielebinski (or [postscript](#))

[Molecular oxygen in interstellar clouds](#)

Priscilla Marechal (or [postscript](#))

[Neutral hydrogen absorption in the Seyfert nucleus of NGC 4151](#)

Carole G. Mundell, Alan Pedlar, Stefi Baum, Chris O'Dea, Jack Gallimore and Elias Brinks (or [postscript](#))

[A 215 to 265 GHz spectral line survey of the Sgr B2 molecular cloud](#)

Albert Nummelin (or [postscript](#))

[Measurements of anisotropies in the Cosmic Microwave Background Radiation on scales of half a degree](#)

Créidhe O'Sullivan (or [postscript](#))

[VLBI observations of the quasar 3C380](#)

Izabela Owsianik (or [postscript](#))

[Stability of the relativistic rotating electron-positron jet and superluminal motion of knots](#)

V.I. Pariev (or [postscript](#))

[CO in NGC 1530. aperture synthesis of a barred spiral](#)

D. Reynaud and D. Downes (or [postscript](#))

[Comparison of Microwave Background Radiation models and experiments](#)

Graca Rocha (or [postscript](#))

[Determination of the relative orientation between radio and dynamical reference frames using VLBI observations of spacecraft](#)

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[1803+78: A Helical Core Jet](#)

W. Steffen, T.P. Krichbaum, S. Britzen and A. Witzel (or [postscript](#))

[Relic radiolines of hydrogen at decimeter and meter wavelength band](#)

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[Exploring the engines of molecular outflows](#)

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[Small Scale Distribution in Molecular Clouds](#)

Sophie Thoraval and Patrick Boissé (or [postscript](#))

[A 151 MHz Galactic plane survey](#)

Simon Vessey (or [postscript](#))

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