

# The Magnetized Plasma In Galaxy Evolution



Krakow, September 27 - October 01, 2004

<http://www.oa.uj.edu.pl/konferencje/2004mpige/index.html>

## Scientific Organizing Committee:

Chantal Balkowski, Observatoire de Meudon, France

Ralf-Jürgen, Dettmar Astronomisches Institut Ruhr-Universität Bochum, Germany

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Anvar Shukurov, School of Mathematics and Statistics, University of Newcastle, United Kingdom

Marek Urbanik, Obserwatorium Astronomiczne Uniwersytetu Jagiellonskiego, Kraków, Poland

## Topics Covered:

Phases in the turbulent ISM and their evolution

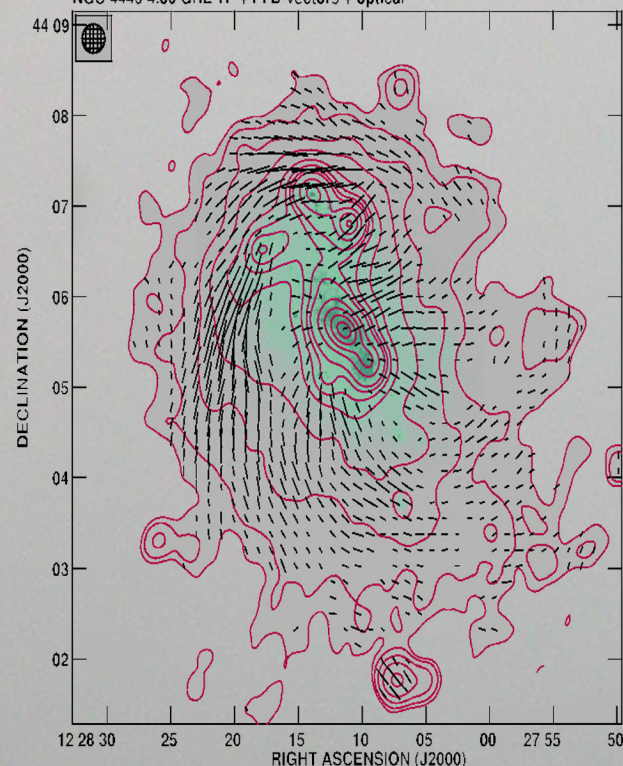
Relations between ISM structure, magnetic fields and star formation in spiral and irregular galaxies

Origin of magnetic fields

Magnetic fields in galaxies and beyond

A discussion round "Observing galactic magnetic fields with future instrumentation" is considered.

NGC 4449 4.86 GHz TP + PI B-vectors + optical



## Invited speakers include:

Ch. Balkowski

R. Beck

D. Bomans

A. Brandenburg

R. Braun

R. Crutcher

M. Ehle

D. Elstner

T. Ensslin

K. Ferrière

M. Hanasz

P. Kronberg

A. Lazarian

H. Lesch

M. Mac Low

Y. Shchekinov

A. Shukurov

M. Urbanik

## Jagiellonian University

### Local Organizing Committee:

Krzysztof Chyży

Grzegorz Kowal

Barbara Kulesza-Żydzik

Tomasz Kundera

Adam Michalec

Katarzyna Otmianowska-Mazur

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