

# Preface

This volume contains selected lectures presented at the Spanish Relativity Meeting on Relativistic Astrophysics held at the Escuela Técnica Superior de Ingenieros Navales of Madrid, Spain, in September 2001.

The meeting centered on the study of several aspects of Relativistic Astrophysics from various viewpoints: theoretical, numerical and observational. Lectures and contributions dealt with issues related to black holes (accretion, thermodynamics, gravitational collapse, stability), numerical and perturbative aspects of astrophysical processes (black hole evolution, relativistic stars, jet hydrodynamics. . . ) and production and detection of gravitational waves. Other topics and animations are enclosed in the accompanying CD-ROM.

Lectures and contributions are intended to cover the gap between undergraduate courses and current research in the field, including the most recent advances in Relativistic Astrophysics.

Madrid, Spain,  
July 2002

*Leonardo Fernández-Jambrina*  
*Luis Manuel González-Romero*

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# List of Contributors

## **Göran Bergqvist**

Mälardalen University  
Department of Mathematics  
P.O. Box 883  
72123 Västerås, Sweden  
gober@mai.liu.se

## **Carles Bona**

Universidad de las Islas Baleares  
Departamento de Física  
Ctra. de Valldemossa km. 7.5  
Palma de Mallorca, Spain  
cbona@uib.es

## **Francisco Javier Chinae**

Universidad Complutense de Madrid  
Departamento de Física Teórica II  
Avda. Complutense s/n  
28040-Madrid, Spain  
chineae@ucmos.sim.ucm.es

## **Paulo Crawford**

University of Lisbon  
Physics Department  
Campo Grande, Ed. C8  
1749-016 Lisboa, Portugal  
crawford@cosmo.fis.fc.ul.pt

## **Bertha Maria Cuadros-Melgar**

Universidade de Sao Paulo  
Departamento de Fisica Matematica  
Caixa Postal 66318 CEP  
05315-970 Sao Paulo, SP, Brazil  
bertha@fma.if.usp.br

## **Leonardo Fernández-Jambrina**

Universidad Politécnica de Madrid  
E.T.S.I. Navales  
Arco de la Victoria s/n  
28040-Madrid, Spain  
lfernandez@etsin.upm.es

## **Valeria Ferrari**

Università di Roma I  
Dipartimento de Fisica  
Piazzale Aldo Moro 2  
00185-Roma, Italy  
valeria@roma1.infn.it

## **Alfonso García-Parrado**

Universidad del País Vasco  
Dep. Física Teórica  
Apartado 644  
48080 Bilbao, Spain  
wtbgagoa@lg.ehu.es

## **Luis Manuel González-Romero**

Universidad Complutense de Madrid  
Departamento de Física Teórica II  
Avda. Complutense s/n  
28040-Madrid, Spain  
mgromero@eucmax.sim.ucm.es

## **Carsten Gundlach**

University of Southampton  
Faculty of Mathematical Studies  
Highfield, Southampton  
SO17 1BJ, U.K.  
C.Gundlach@maths.soton.ac.uk

**Cornelius A. Hoenselaers**

Loughborough University  
Department of Mathematical Sciences  
Loughborough, Leicestershire  
LE11 3TU, U.K.  
c.a.hoenselaers@lboro.ac.uk

**Sascha Husa**

Max-Planck-Institut  
Dept. Astrophysical Relativity  
Am Muehlenberg 1  
14476 Golm bei Potsdam, Germany  
shusa@aei.mpg.de

**José María Ibáñez**

Universitat de València  
Dept. Astronomia y Astrofísica  
Avda. Vicent Andrés Estelles s/n  
46100-Burjassot, València, Spain  
jose.m.ibanez@uv.es

**Werner Israel**

University of Victoria  
Department of Physics and Astronomy  
Box 3055  
Victoria B.C., V8W 3P6, Canada  
israel@uvphys.phys.uvic.ca

**Francisco Lobo**

University of Lisbon  
Physics Department  
Campo Grande, Ed. C8  
1749-016 Lisboa, Portugal  
floblo@cosmo.fis.fc.ul.pt

**José Alberto Lobo**

Universitat de Barcelona  
Departament de Física Fonamental  
Martí i Franquesa 1  
08028-Barcelona, Spain  
lobo@hermes.ffn.ub.es

**José María Martín-García**

University of Southampton  
Faculty of Mathematical Studies  
Highfield, Southampton  
SO17 1BJ, U.K.  
jmm@maths.soton.ac.uk

**Guillermo Mena Marugán**

C.S.I.C.  
I.M.A.F.F.  
Serrano 121  
28006-Madrid, Spain  
mena@imaff.cfm.ac.csic.es

**Juan Antonio Morales**

Universitat de València  
Dep. Astronomia i Astrofísica  
Avda. Vicent Andrés Estellés s/n  
46100 Burjassot, València, Spain  
antonio.morales@uv.es

**Emilio Navarro**

Universitat de València  
Dep. Astronomia i Astrofísica  
Avda. Vicent Andrés Estellés s/n  
46100 Burjassot, València, Spain  
nape@alumni.uv.es

**Francisco Navarro-Lérida**

Universidad Complutense de Madrid  
Departamento de Física Teórica II  
Avda. Complutense s/n  
28040-Madrid, Spain  
fnavarro@eucmos.sim.ucm.es

**Carlos Palenzuela**

Universidad de las Islas Baleares  
Departamento de Física  
Ctra. de Valldemossa km. 7.5  
Palma de Mallorca, Spain  
vdfscpl4@uib.es

**José Fernando Pascual-Sánchez**

Universidad de Valladolid  
Dep. de Matemática Aplicada  
Prado de la Magdalena s/n,  
47005-Valladolid, Spain  
jfpascua@maf.uva.es

**Emilio Santos Corchero**

Universidad de Cantabria  
Facultad de Ciencias  
Avenida de los Castros s/n  
Santander, Spain  
santose@unican.es

**Gerhard Schäfer**

Universität-Friedrich-Schiller-Jena  
Theoretisch-Physikalisches Institut  
Max-Wien-Platz 1  
07743 Jena, Germany  
gos@tpi.uni-jena.de

**José M. M. Senovilla**

Universidad del País Vasco  
Dep. Física Teórica  
Apartado 644  
48080 Bilbao, Spain  
wtpmasej@lg.ehu.es

**Ryoji Takahashi**

Max-Planck-Institut  
Dept. Astrophysical Relativity  
Am Muehlenberg 1  
14476 Golm bei Potsdam, Germany  
ryoji@origin.aei-potsdam.mpg.de

**Raül Vera**

Queen Mary, University of London  
School of Mathematical Sciences  
Mile End Road  
London E1 4NS, U.K.  
r.vera@qmw.ac.uk

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