



CNR Meeting

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Open Access
in the framework of the editorial activities
of the Italian Physical Society with
European partnership

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INTRODUCTION

- *The Italian Physical Society (IPS-**SIF**), founded in 1897, is a non-profit association with the aim to promote, favour and protect the progress of Physics in Italy and worldwide.*
- ***SIF** represents the Italian scientific community, in the research, educational and professional fields, either private or public, relative to all areas of Physics and its applications*
(Medicine, Biology, Informatics, Economics and Finance, Meteorology and Climate, Environment, Archeometry, Cultural Heritage and others).



PUBLICATIONS

SIF was among the pioneers for an European model for scientific publications:

- In 1986, *Lettere al Nuovo Cimento* of *SIF* & *Journal de Physique Lettres* of *SFP (EDP Sciences)*, with a financial contribution from *IOP* and *EPS*
 - *EuroPhysics Letters (EPL)*
- In 1998, with an agreement for partnership with a commercial scientific publisher *Springer*, *Zeitschrift für Physics* & *Journal de Physique* of *SFP* & *Il Nuovo Cimento* of *SIF*
 - *The European Physical Journal (EPJ)*



PUBLICATIONS

- For EPL:

✓ *SIF is partly owner of EPL and SIF is publisher of EPL*

- For EPJ:

Il Nuovo Cimento D [Matter Physics]

→ *EPJ B + EPJ D + (later) EPJ E*

Il Nuovo Cimento A [Nuclear and Subnuclear Physics]

→ *EPJ A + EPJ C*

✓ *SIF is partly owner of EPJ A, EPJ B, EPJ D and EPJ E, not of EPJ C*

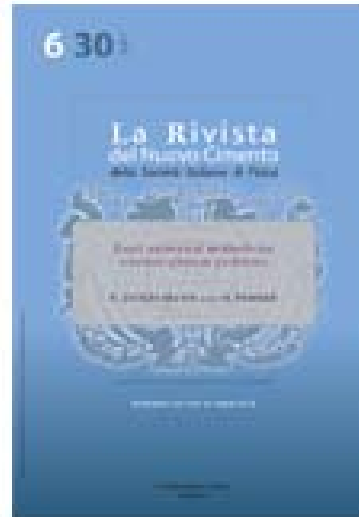
✓ *SIF is publisher of EPJ A and EPJ E*

✓ *SIF is in charge of the editorial offices of EPJ A and EPJ C*



PUBLICATIONS

SIF journals



*Journals
with
European
partners*



PUBLICATIONS

SIF JOURNALS IN ENGLISH

-Il Nuovo Cimento B
(relativity, gravitation,
astronomy, math. physics)

-Il Nuovo Cimento C
(space physics,
geophysics, archeometry,
biophysics, etc.)

La Rivista del Nuovo Cimento
(review and topical papers
in all fields of physics)

In 2009:

BASIC TOPICS

(relativity, gravitation,
astronomy, math. physics,
space physics, geophysics,
archeometry, biophysics,
*detectors, experimental
techniques, etc.)*

In 2009:

COLLOQUIA/CONFERENCES

(*proceedings of conferences,
workshops, schools, etc.)*)



PUBLICATIONS

SIF JOURNALS IN ITALIAN

-Il Giornale di Fisica

-Quaderni di Storia della Fisica

-Il Nuovo Saggiatore

SIF Bulletin (sent to all members)

but also a physics journal for a wider public

*➔ Open Access to all in electronic version
(<http://www.sif.it>)*



PUBLICATIONS

SIF BOOK SERIES

- Proceedings of the International School of Physics "Enrico Fermi" (Varenna School)*
- Conference Proceedings*

SIF SPECIAL VOLUMES

- B. Pontecorvo — Selected Scientific Works*
- Enrico Fermi — His Work and Legacy*
- Ettore Majorana — Scientific Papers*
- Il Nuovo Cimento "Scritti Scelti 1855-1944"*
- The Scientific Legacy of Beppo Occhialini*



PUBLICATIONS

SIF SPECIAL VOLUMES in 2008-2009

-Ettore e Quirino Majorana tra Fisica Teorica e Sperimentale (in Italian)

joint CNR-SIF publication

-Gilberto Bernardini and European Physics

on the occasion of the 40th Anniversary of the European Physical Society

-Galileo Galilei and Motion

joint SIF-SPRINGER publication



OPEN ACCESS (OA)

EuroPhysics Letters

EPL (<http://www.epljournal.org>)

- In 2007 the EPL Board of Directors welcomed the CERN OA initiative to create a Sponsoring Consortium for Open Access Publishing (SCOAP) in Particle Physics*
- Prior to negotiations with SCOAP³ EPL has launched a selective OA policy by allowing individual authors, their institutions, funding agencies or sponsoring consortia to go OA i.e. to pay for published letters to be freely available to all, permanently (single-article fee: 1000 €)*

OPEN ACCESS (OA)

However

- *EPL must remain*
 - a *competitive European letters journal, possibly a "flagship" letters journal*
 - a *refereed journal (≠ repository or preprint server)*
 - a *subscription journal for contents that are not OA*

In addition

- *Authors, institutions and funding agencies may choose to pay for their letters to be OA in EPL*
- *Enquiries are going on concerning institutional membership fees that would allow advance payment to EPL for OA publications from authors from a given institution*



OPEN ACCESS (OA)

The European Physical Journal

EPJ (<http://www.epj.org>)

- *Since Nov. 2006, the publishing consortium of EPJ has adopted the principle of OA publications*
- *Publishing of accepted OA papers is possible in EPJ, i.e. of papers that have successfully passed the peer-review stage, if so desired by the authors, with upfront payment*
(processing fee: 1000 € per article)
- *For groups of papers to be published as EPJ "topical" issue, a collective OA fee can be negotiated*

OPEN ACCESS (OA)

Notice

- *EPJ is already freely available in many so-called developing countries through many initiatives in which **SPRINGER** participates*
- *EPJ provides personalized free access to individual researchers in the (unlike) case she/he has not institutional access*

Moreover

- *Since Nov. 2006, in order to promote latest research results rapidly, the "letter" articles in **EPJ A** and **EPJ C** are published by default OA without incurring any fee*

OPEN ACCESS (OA)

Moreover²

- *Since Nov. 2007, in anticipation of successful negotiations with interested OA funding agencies, all experimental papers submitted to and accepted by *EPJ C* are published by default OA without incurring any fee*

(this applies not only to letters, but to regular articles, scientific notes and to "tools" articles on experimental physics)



OPEN ACCESS (OA)

In addition

- *EPJ publishers are prepared to move EPJ journals to OA-only*
- *EPJ publishers are seeking sponsorship models and cooperation with funding agencies and consortia willing to sponsor all types and categories of papers accepted by the editors of EPJ journals on the basis of their intrinsic scientific quality and relevance*



OPEN ACCESS (OA)

Il Nuovo Cimento B/C

NC B/C (<http://www.sif.it>)

Since Jan. 2008, NC B/C journals offer the publication of proceedings as "topical" issues without incurring any fee

-with permanent OA for authors and editors

-with 30 days OA for all

CONCLUSION

- *CERN proposal for OA has been **accepted** by **SIF** concerning its journals with European partnership, namely **EPL** and **EPJ***
- *Several **preliminary steps** towards OA implementation have been made so far*
- ***SCOAP³** approach **very appealing** but funding scheme not perfectly defined yet
(e.g. interplay University-Research Institutions)*



Waiting for the start of LHC

CHALLENGES

*"Would OA if universally adopted benefit Physics?"
by J. Enderby (EPS Council, Mulhouse, 28-29 March 2008)*

- ✓ *Who will pay the costs of publication?
[readers (librarians)/authors (funders)/
charities/governments/others]*
- ✓ *Who should maintain the archives?*
- ✓ *How can we maintain quality?*
- ✓ *How do we prevent fraud?*
- ✓ *Are we sensitive enough to the needs of developing
countries?*
- ✓ *Is there a danger that funder/government pressure could
lead to monopolies to the detriment of Science?*