Plan S – FAQ's

2017 EPR

Stefano Bianco, INFN researcher and member of cOAlition S Expert Group

Plan S in the National Institute for Nuclear Physics

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Open Access

- All results from publicly funded research must be immediately and freely available to the taxpayer that has funded it.

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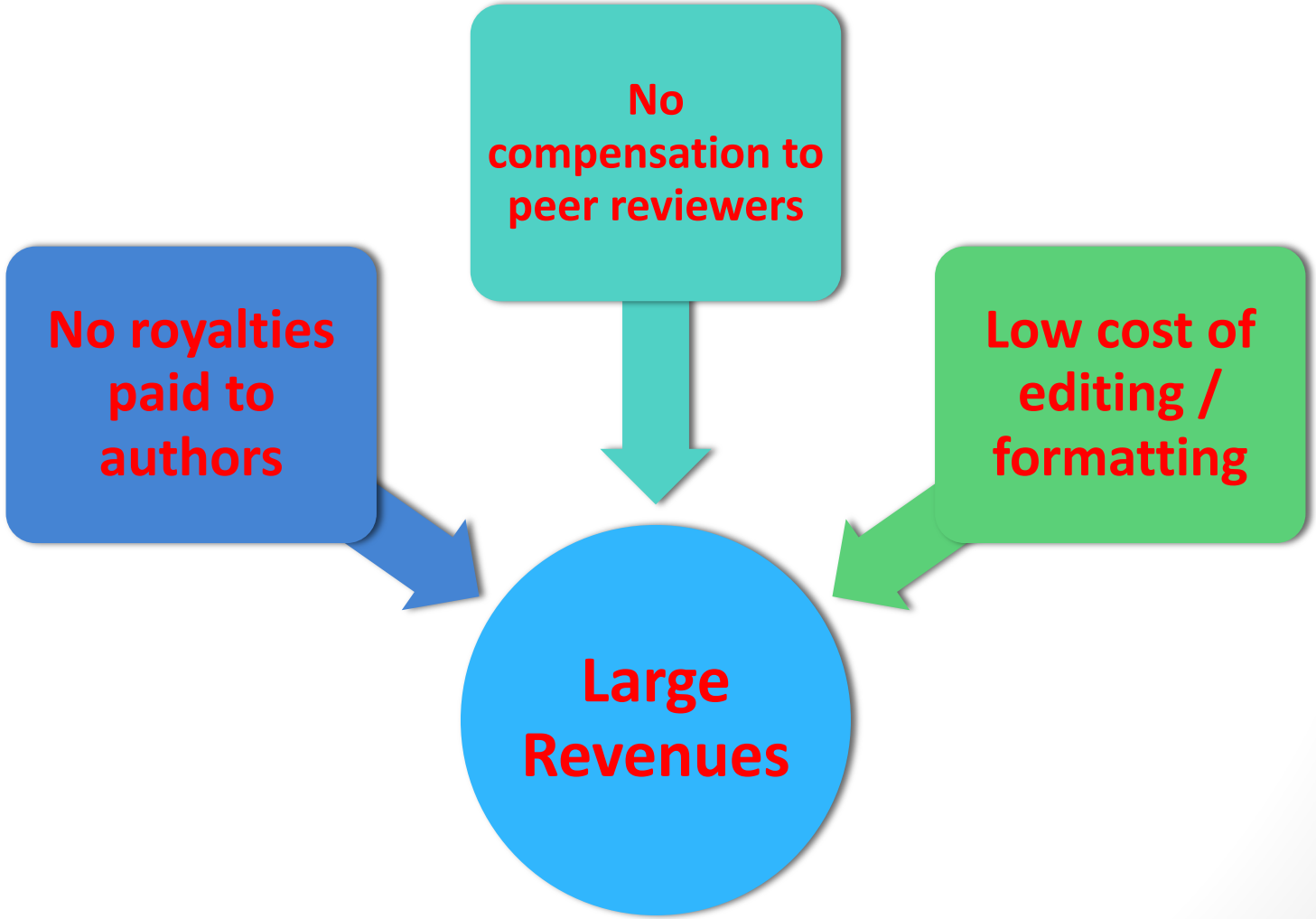
Top 5 commercial publishers



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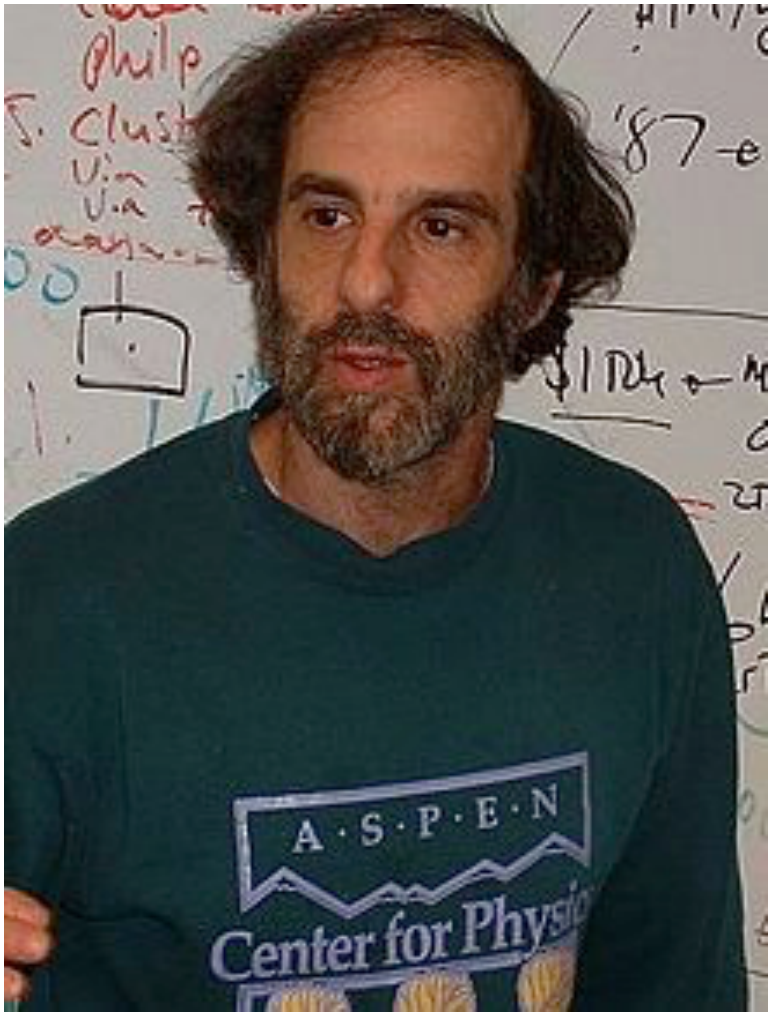
1991 Paul Ginsparg e arXiv



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6 agosto 1991 –nascita di www al CERN

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Consiglio Nazionale delle Ricerche
Biblioteca d'Area di Bologna

Quanto costa l'acc… …ientifici in Italia?

CRUI – Amm…

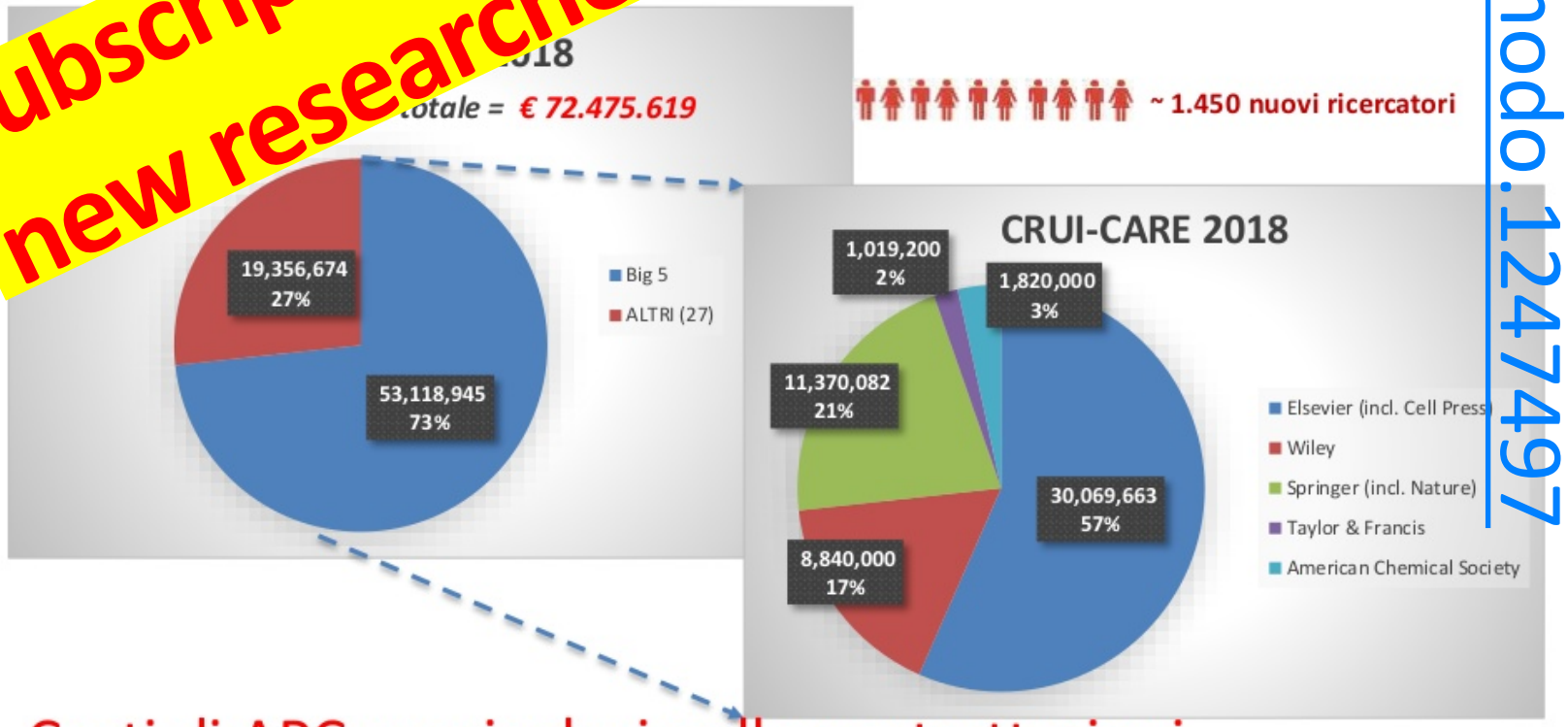
https://… …ntratti-pubblici.html

subscriptions in 1 year = 1450 new researchers

…018

…otale = € 72.475.619

~ 1.450 nuovi ricercatori



Costi di APC non inclusi nelle contrattazioni

Ref:S.Mangiaracina

10.5281/zenodo.1247497

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Green Open Access

"Subscription" MODEL

- *Publish preprint to OA repository*
- *Submit to subscription journal, get it accepted*
- *Wait 0/6/12 months before submitting post-peer review version "postprint/AAM" to OA repository*

Gold Open Access

"Article Processing Costs" MODEL

- *Pay Article Processing Costs (APC) and publish OA*

Hybrid with Double Dipping

- ***Buy subscription…***
- ***…and also pay APC***

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Impact Factor

$$IF_{y,2} = \frac{Citazioni_{y-1} + Citazioni_{y-2}}{Pubblicazioni_{y-1} + Pubblicazioni_{y-2}}$$

- New journal has IF=0 for two years
- IF Index is subject to problems (self citations, negative citations etc.)

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Rsearch assessment, TODAY

Research assessment based on $\mathbf{IF_{y,5}}$ and *Citations*

Restrictive law on copyright will not guarantee free posting of AAM/postprint unless contractual.

Authors publish on journals with high IF

New, quality journals cannot have an IF before 2/5 years

Peer review provided by (unpaid) scientists

ANVUR (Research assessment govern. agency) considers only journals indexed on WOS and SCOPUS

Minimal editing is provided by publishers

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- Establishing Open Access practices is a challenge
- The evaluation of research (careers, fundings, etc) is entwined with bibliometric criteria, particularly Impact Factor (IF) in STEM disciplines
- Commercial databases are used for governmental research assessment

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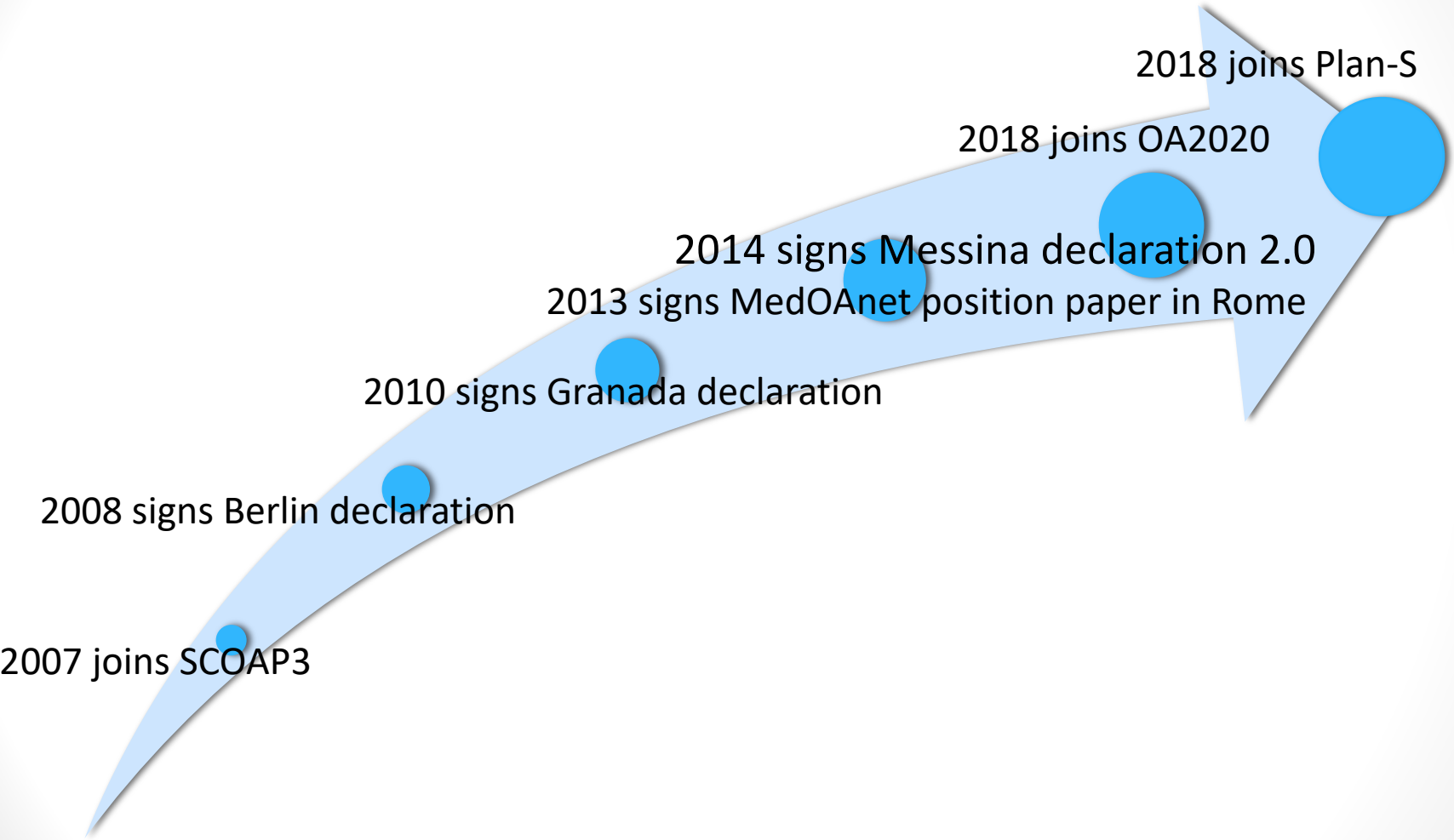
Infn e Open Access



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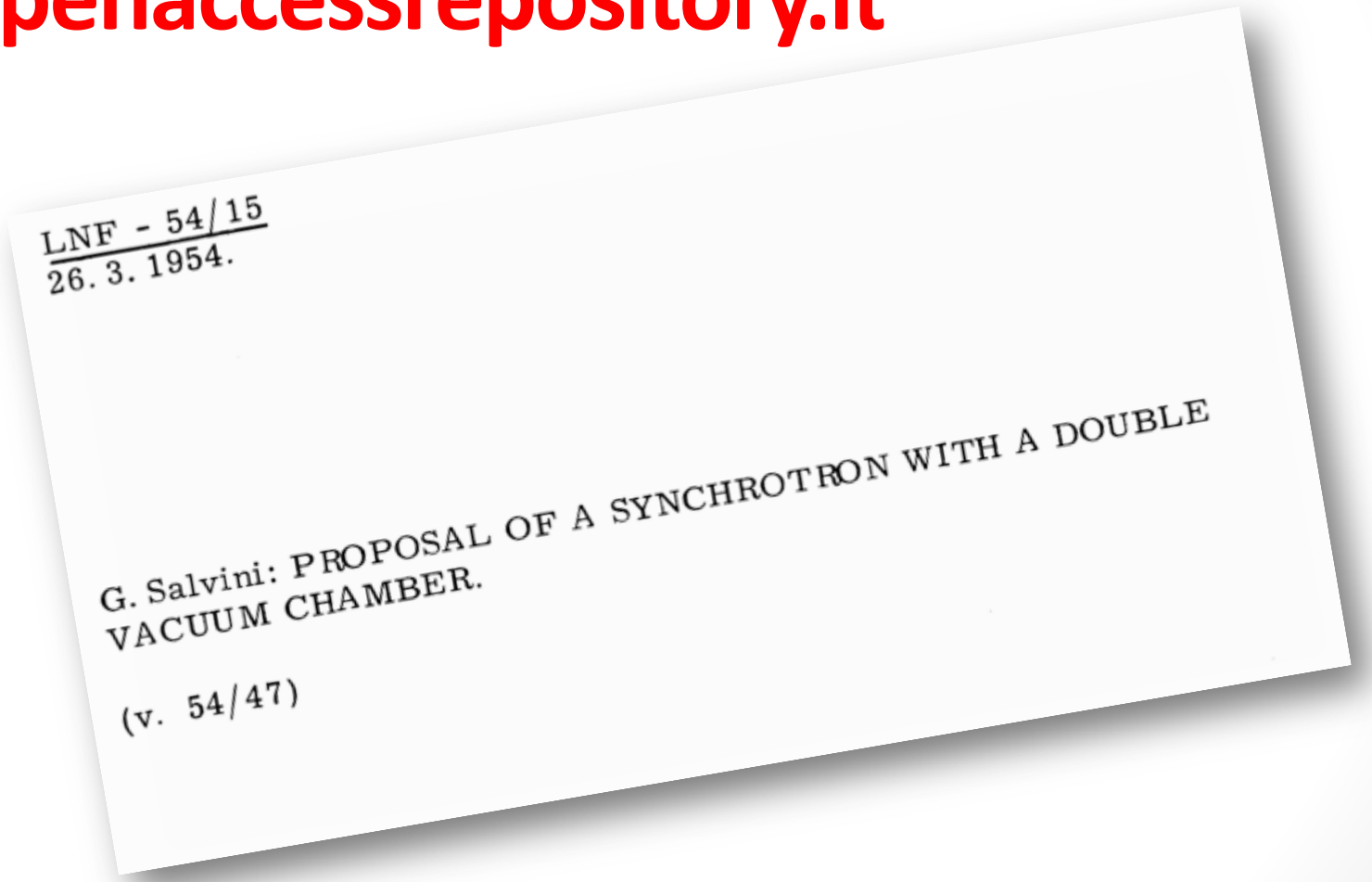
the Frascati institutional repository contains preprints dating back **1954**

openaccessrepository.it


LNF - 54/15
26. 3. 1954.

G. Salvini: PROPOSAL OF A SYNCHROTRON WITH A DOUBLE VACUUM CHAMBER.

(v. 54/47)

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4 Settembre 2018

11 Istituzioni Finanziatrici della Ricerca lanciano Plan S

National funders

FWF Der Wissenschaftsfonds.
Academy of Finland
Agence Nationale de la Recherche ANR
Science Foundation Ireland sfi For what's next
INFN Istituto Nazionale di Fisica Nucleare
Luxembourg National Research Fund
NWO Netherlands Organisation for Scientific Research
The Research Council of Norway
National Science Centre Poland
arrs Slovenian Research Agency
FORTE Swedish Research Council for Health, Working Life and Welfare
FORMAS
UK Research and Innovation
NSTC
VINNOVA Sweden's Innovation Agency

Charitable and international funders

wellcome
Bill & Melinda Gates foundation
World Health Organization
TDR For research on diseases of poverty UNICEF • UNDP • World Bank • WHO
asap Aligning Science Across Parkinson's

European funders

erc European Research Council

Plan S Principles (simplified)

- We are not going to pay to publish on double dipping journals
- We support self archiving and zero-embargo green OA
- We are not going to use Impact Factor for evaluation of research
- We are going to apply the Plan S principles on new projects starting after January 1st, 2021

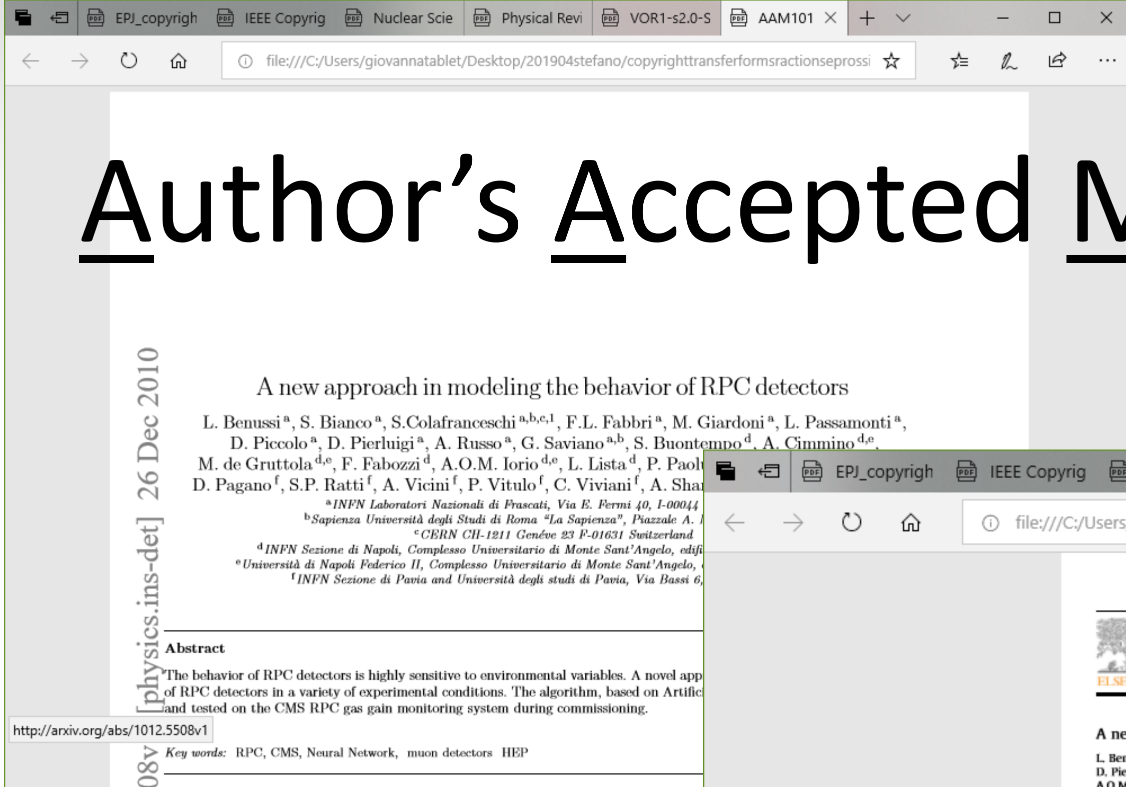
May 31st, 2019

Plan S – Implementation Guidance

The Three Roads

Open Access publishing venues (journals or platforms)	Subscription venues (repository route)	Transition of subscription venues (transformative arrangements)
Authors publish in an Open Access journal or on an Open Access platform.	Authors publish in a subscription journal and make either the final published version (Version of Record (VoR)) or the Author's Accepted Manuscript (AAM) openly available in a repository.	Authors publish Open Access in a subscription journal under a transformative arrangement.
cOAlition S funders will financially support publication fees.	cOAlition S funders will not financially support 'hybrid' Open Access publication fees in subscription venues.	cOAlition S funders can contribute financially to Open Access publishing under transformative arrangements.
1 gold OA	2 green OA	3 hybrid in transition

Author's Accepted Manuscript



08v1 [physics.ins-det] 26 Dec 2010

A new approach in modeling the behavior of RPC detectors

L. Benussi [a], S. Bianco [a], S.Colafranceschi [a,b,c,1], F.L. Fabbri [a], M. Giardoni [a], L. Passamonti [a],
D. Piccolo [a], D. Pierluigi [a], A. Russo [a], G. Saviano [a,b], S. Buontempo [d], A. Cimmino [d,e],
M. de Gruttola [d,e], F. Fabozzi [d], A.O.M. Iorio [d,e], L. Lista [d], P. Paol
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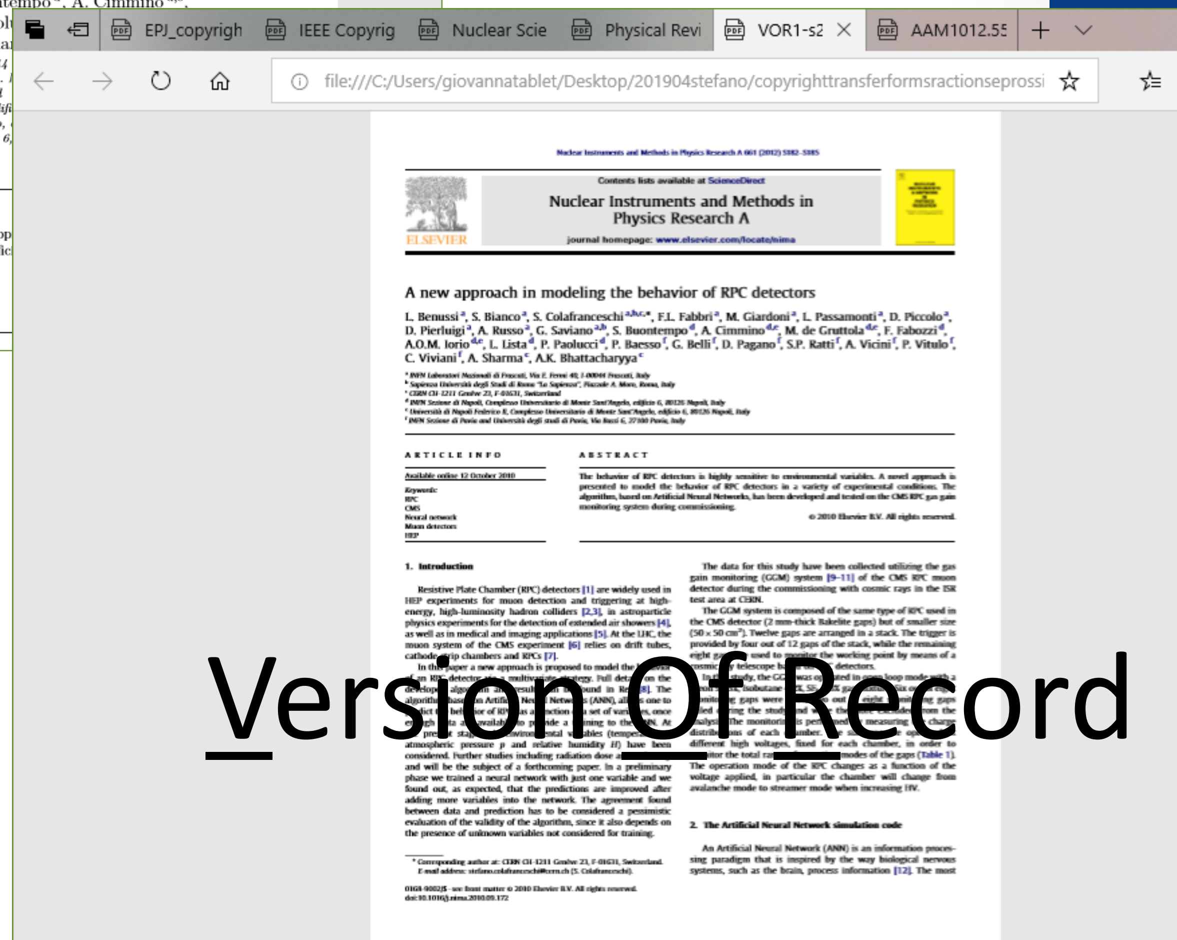
Abstract

The behavior of RPC detectors is highly sensitive to environmental variables. A novel app of RPC detectors in a variety of experimental conditions. The algorithm, based on Artific and tested on the CMS RPC gas gain monitoring system during commissioning.

Key words: RPC, CMS, Neural Network, muon detectors HEP

http://arxiv.org/abs/1012.5508v1



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Contents lists available at ScienceDirect

Nuclear Instruments and Methods in Physics Research A

journal homepage: www.elsevier.com/locate/nima

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ABSTRACT

The behavior of RPC detectors is highly sensitive to environmental variables. A novel approach is presented to model the behavior of RPC detectors in a variety of experimental conditions. The algorithm, based on Artificial Neural Networks, has been developed and tested on the CMS RPC gas gain monitoring system during commissioning.

Version Of Record

A new Institutional repository

- Pilot being discussed for approval in INFN
  - **openaccessrepository.it**
  - INVENIO3 + ZENODO
  - Open data-ready
  - In collaboration with CNR(P.Manghi, D.Castelli et al.)
- Try it, free DOI when depositing your content

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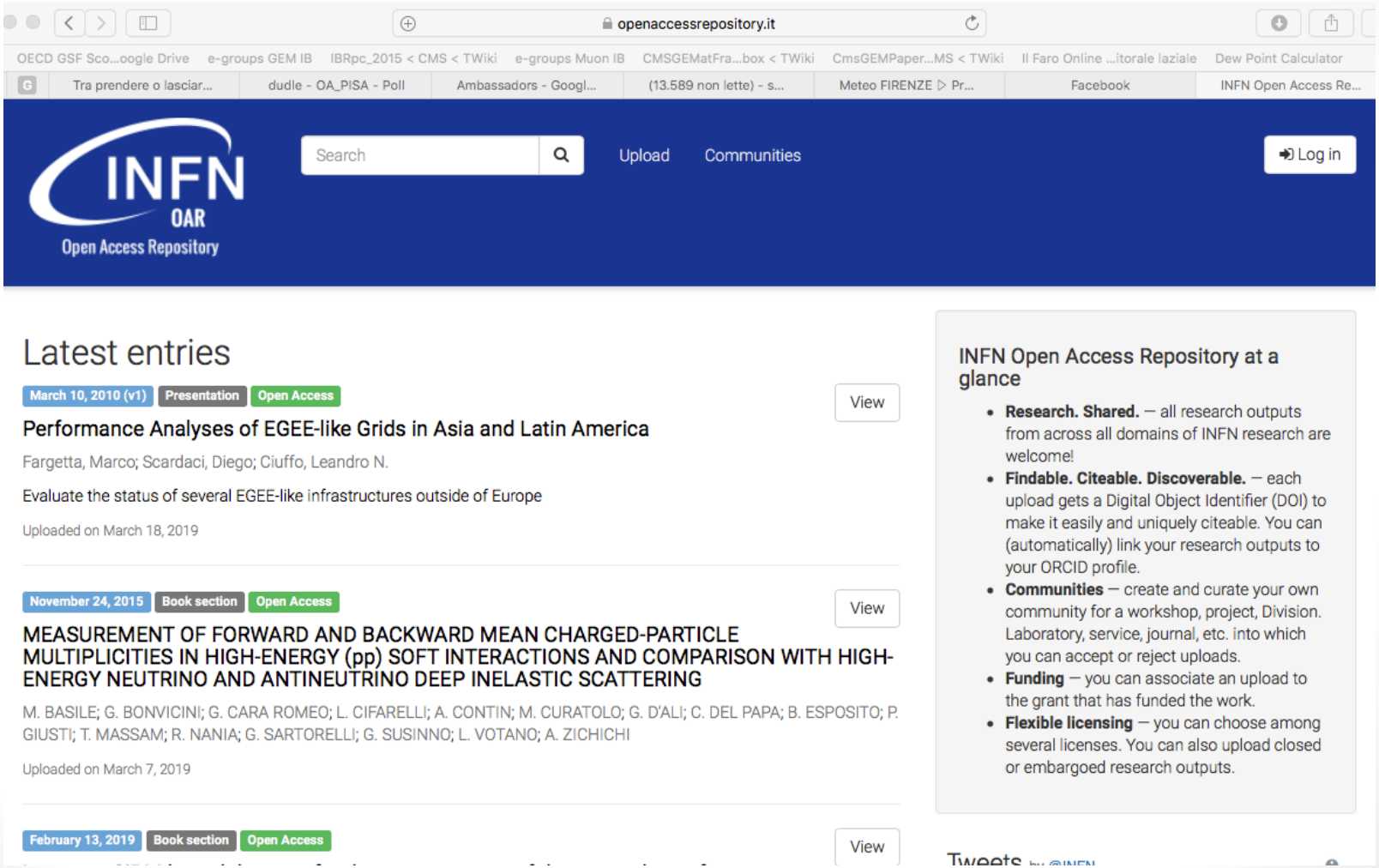

Q:Which model is supported by Plan S ? (Subscriptions/APC/etc)

A. Plan S does not support any model in particular; funders will not fund publications of papers on double dipping journals.

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Q: Is APC publishing the only Plan S - compliant road ?

A. No. Three conformal roads: 1) gold OA; 2) green OA with zero embargo deposit of AAM; 3) hybrid with *transformative agreement*

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Q: Does Plan S support green OA ?
(self-archiving on repositories)

A. Yes it does, conformity road #2

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Q: Does Plan S request authors to pay APC on their research funds ?

A. No. The *author pays* model is explicitely condemned. Funders commit to redirect subscription monies without using research monies.

Q: Does Plan S consider no-profit / no-loss scientific societies equal to commercial publishers ?

A. No. Scientific societies are recognised a special role. Thick report prepared to help ease the process

https://doi.org/10.6084/m9.figshare.c.4561397

In conclusion

- Plan S is a disruptive, provocative action aimed to let us emerge from the OA swamp
  - **SAY NO** to any specific economic model, double-dipping, author pays, journal IF
  - **SAY YES** to green road, **zero-embargo self-archiving,** transformative agreements
- New INFN institutional repository in pilot mode free to use
  - **openaccessrepository.it**
- Further readings on Plan S:
  - S.Bianco, L.Patrizii, Plan S e le società scientifiche – una rivoluzione per l'Open Access? https://doi.org/10.15161/oar.it/23538

Spare slides

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