

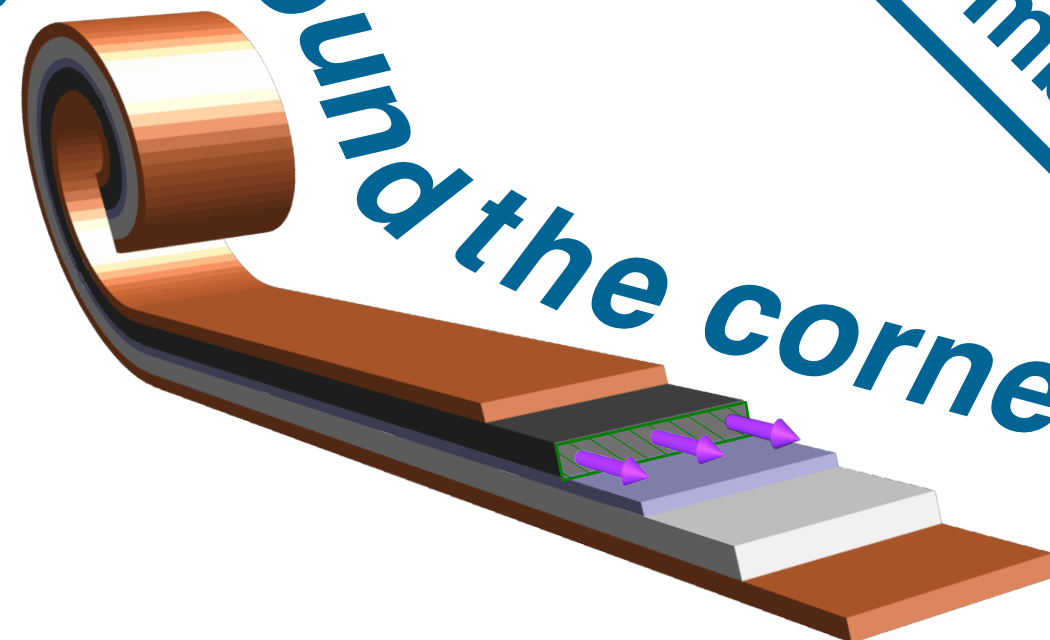
Superconductivity around the corner

10
dicembre



-C.R. Frascati

Council on Superconductivity



Enrico Silva

Dipartimento di Ingegneria, Università Roma Tre

**IEEE-CSC
Italy Chapter Chair**

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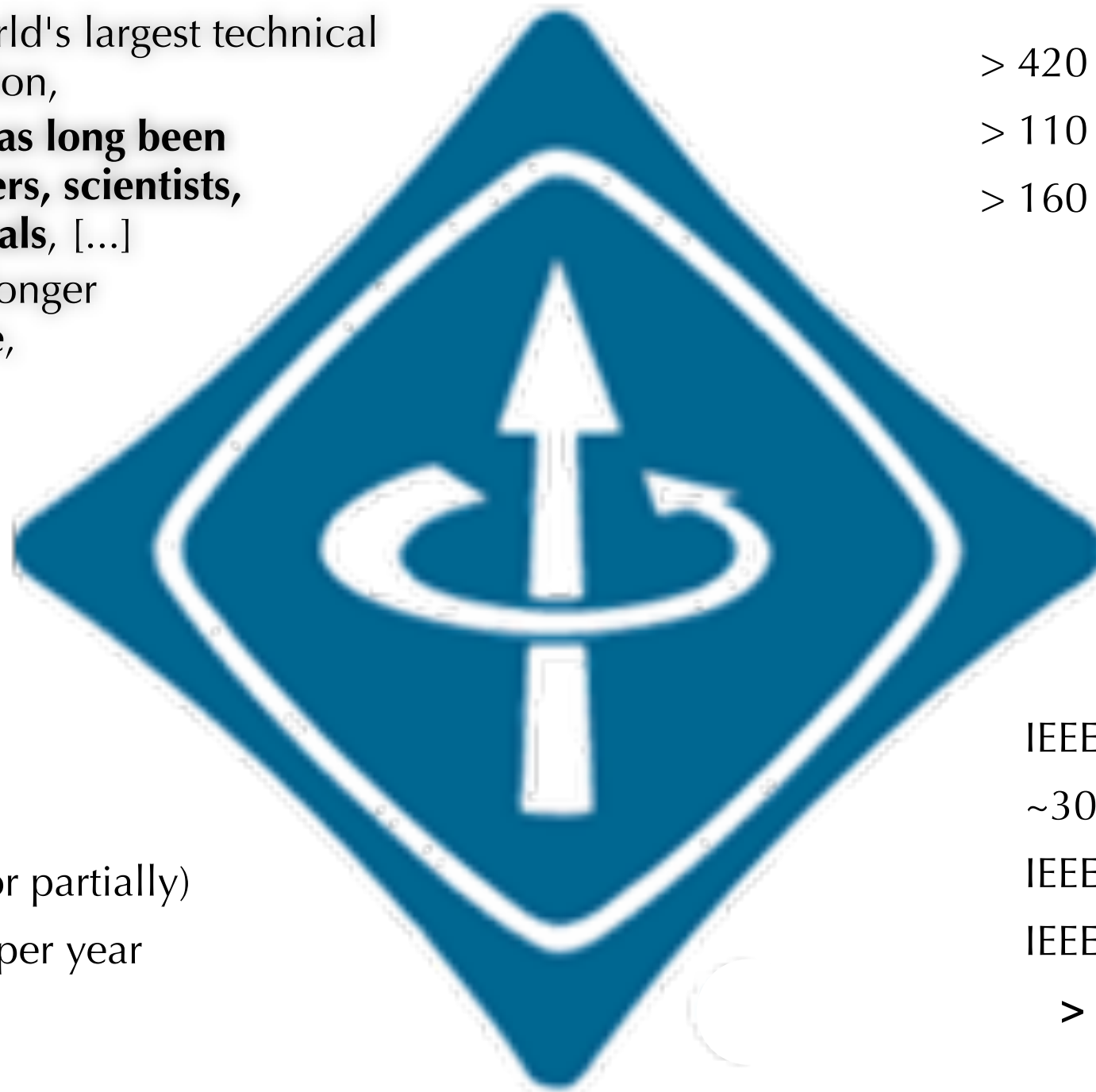
10:00 – 10:20	Enrico Silva, Università Roma Tre Opening
10:20 - 11:00	Andrea Augieri, ENEA Superconducting materials
11:00 - 11:20	Coffee break in sala F23
11:20 - 12:00	Giuseppe Celentano, ENEA High Temperature Superconductors Applications
12:00 - 12:40	Luigi Muzzi, ENEA e ICAS Low Temperature Superconductors Applications
12:40-14:00	Pranzo (Mensa ENEA)
12:40 - 14:00	Labs tour

IEEE: “Institute of Electrical and Electronics Engineers”

“However, as the world's largest technical professional association,

IEEE's membership has long been composed of engineers, scientists, and allied professionals, [...]

the organization no longer goes by the full name, except on legal business”



> 420 000 members

> 110 000 student members

> 160 countries

IEEE sponsors (fully or partially)

> 1600 conferences per year

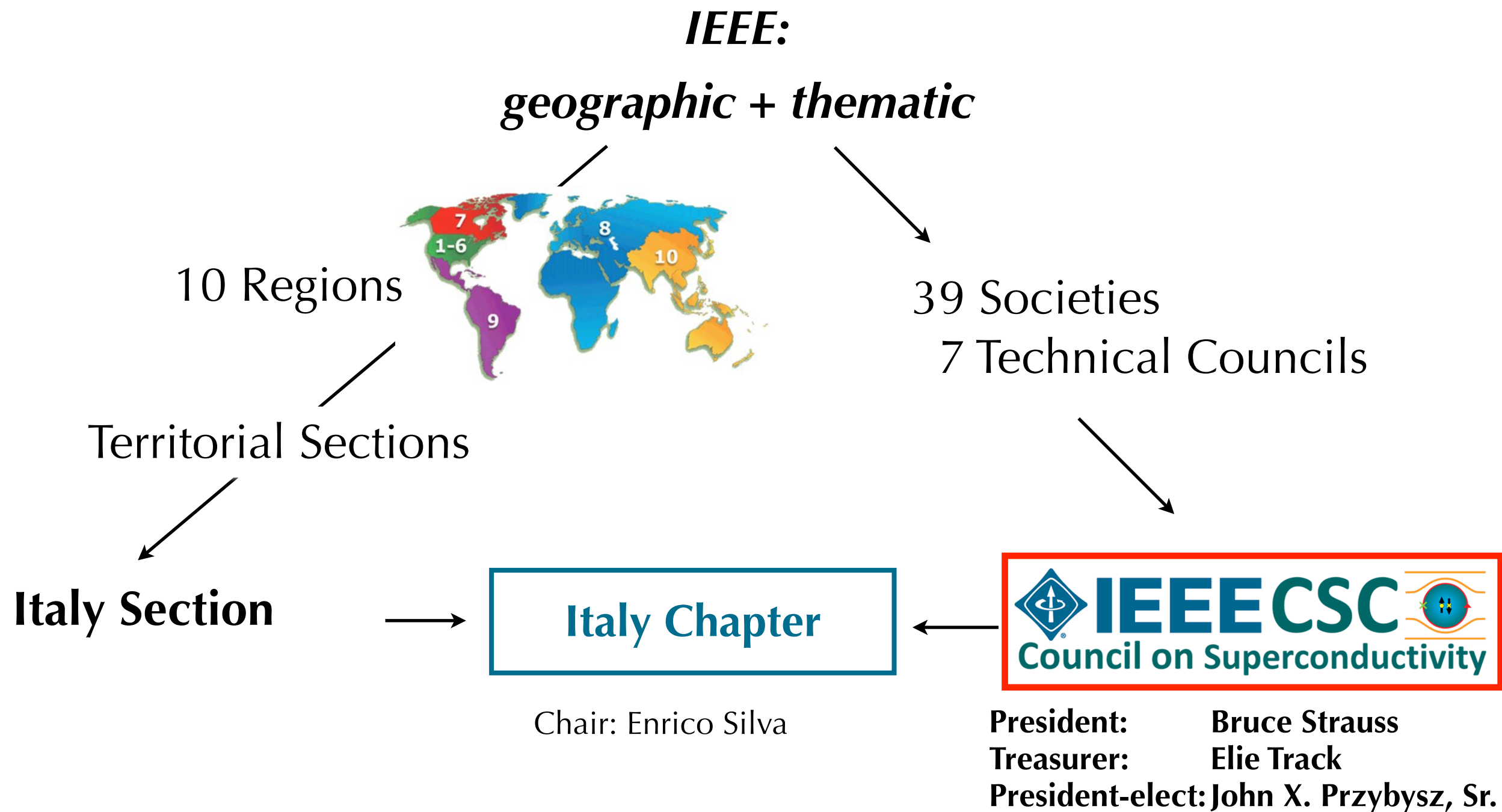
IEEE publishes

~30% world technical papers:

IEEE Transactions, Magazines,

IEEE Xplore

> 4 M papers or items



+ Subsections, **Student branches, Student Chapters**, Working groups,... (!)

Promotes and supports a community in Superconductivity and related fields

- **Publishes:**

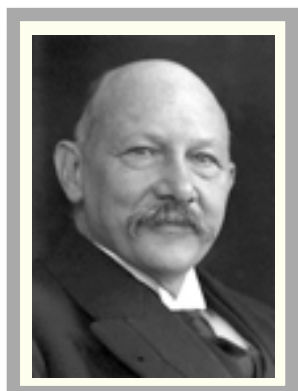
IEEE Transactions on Applied Superconductivity <http://ieeexplore.ieee.org/servlet/opac?punumber=77>
Superconductivity News Forum [with ESAS] <http://snf.iececsc.org>

- **Organizes:** ASC – Applied Superconductivity Conference

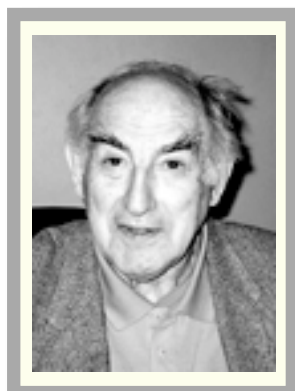
- **Sponsors:** EUCAS – European Conference on Applied Superconductivity
ISEC – 17th International Superconductive Electronics Conference
... + many more events.

- **Supports:** **Educational activities** (Distinguished Lecturers program)
Students (Financial assistance, fellowships, student networking)
Chapters (local activities, events)
- Assigns awards

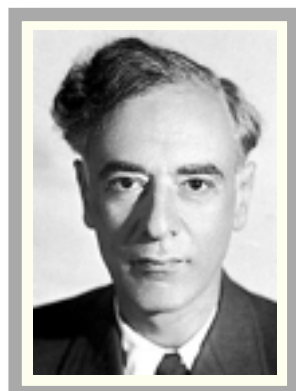
Un'avventura scientifica e tecnologica: dalla "fabbrica di Nobel"...



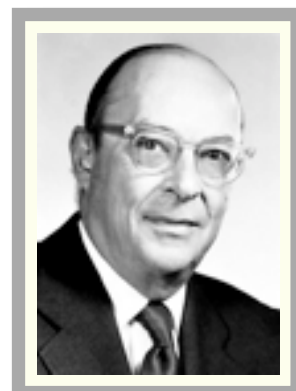
Heike Kamerlingh-Onnes
(Nobel 1913)



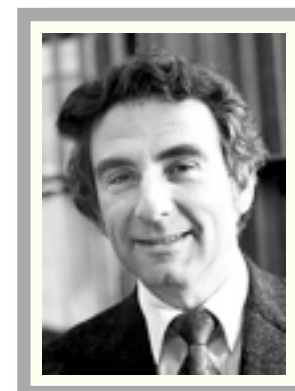
Vitaly L. Ginzburg
(Nobel 2003)



Lev Davidovich Landau
(Nobel 1962)



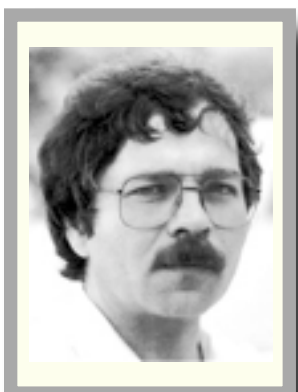
John Bardeen
(Nobel 1972)



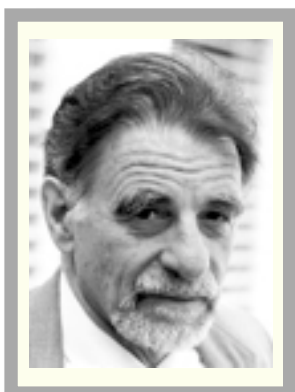
Leon Neil Cooper
(Nobel 1972)



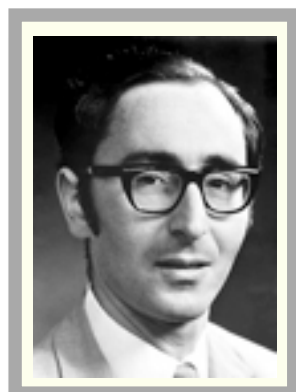
John Robert Schrieffer
(Nobel 1972)



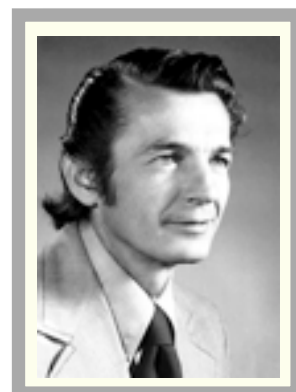
J. Georg Bednorz
(Nobel 1987)



K. Alexander Müller
(Nobel 1987)



Brian D. Josephson
(Nobel 1973)



Ivar Giaever
(Nobel 1973)



Alexei A. Abrikosov
(Nobel 2003)

a applicazioni altrimenti impossibili (continue a seguire...)



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