

# TRIL Programme: the ICTP-ENEA Agreement

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(Member of ICTP-ENEA Committee)

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- TRIL: Training and Research in Italian Laboratories
- ICTP and ENEA is a long lasting collaboration (since 1983), thus an heritage to be preserved and, hopefully, enhanced
- The ICTP-ENEA Agreement offers fellows in different branches of physics and technologies to be spent in the ENEA laboratories
- ENEA research activities are carried out by five Departments:
  - Advanced Physical Technologies and New Materials
  - Biotechnologies, Agro-industry and Health Protection
  - Energy Technologies, Renewable Energy Sources and Energy Saving
  - Nuclear Fusion and Fission and Related Technologies
  - The Environment, Global Changes and Sustainable Development

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- Present agreement (years 2008-2009) is based on:
  - collaboration between ENEA and ICTP in the field of scientific research
  - EU Commission Recommendation of March 11, 2005 on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers
- ENEA participates in co-financing TRIL grants with an amount up to €100.000,00 per year

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- Each year an ICTP-ENEA Committee:
  - approves the topics of common interest
  - selects the candidates among a list (usually twice a year)
- Research activity will be spent in ENEA laboratories
- ENEA laboratories offer their availability to host TRIL fellows (see ICTP web site)
- ENEA provides a “Tutor” and all what is required for the scientific activity (instruments, laboratories, etc.)

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- Preliminary, informal, contacts between fellows and tutors will help the candidates in the appropriate choice of topics/laboratories - e.g., during the participation to ICTP activities (conferences, workshops, schools)
- During their stay in the ENEA laboratories, fellows are equated to ENEA personnel with respect to scientific, technical and social services
- TRIL activities can not be configured as an employment relationship

# TRIL Programme: the ICTP-ENEA Committee

- ICTP-ENEA Committee:
  - Director General (or delegated member): president
  - Dr. S. Baccaro, Dr. G. Vlad, Ing. C. Manna (ENEA)
  - Prof. G. Furlan, Prof. D. Treleani (ICTP)
  - Prof. D. Nobili (CNR)
- The Committee meets twice a year, at least, in order to:
  - approve the scientific programme of collaboration
  - select the candidates

## TRIL Programme: the ICTP-ENEA Committee

- Candidates curricula collected by ICTP are evaluated by the Committee members considering, among others:
  - expertises, publications, research activity, letters of recommendation, etc.
- The opinion expressed by the Departments (in particular, by “Tutors”) of the ENEA is considered in order to optimize both candidates and laboratories opportunities
- Care is devoted to distribute grants equally:
  - candidate nationality, ENEA laboratories, duration, etc.

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- ICTP-ENEA collaboration lasts since 1983:

Grants	176
Fellows	102
Person/months	1652
Publications	255
Countries	30
ENEA laboratories	61



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<b>Scientific Field</b>	<b>Grants</b>	<b>Fellow</b>
Earth and Environmental Sciences	29	14
Miscellaneous	3	2
Optical Physics and Lasers	1	1
Physics and Energy	83	47
Physics and Technology	17	9
Physics of Condensed Matter	25	18
Physics of the Living State	18	11