

Member of the Evaluation Panel

Joachim E. Truemper

- Emeritus Director at the Max-Planck-Institute for Extraterrestrial Physics (MPE), Garching
- Emeritus Professor of the Ludwig-Maximilians-University Munich (LMU)
- Founding Director of the Max-Planck Research School (IMPRS) of Astrophysics at the University of Munich (founded in 2000, involving MPE, MPA, ESO, Institute of Astronomy and Astrophysics of LMU and several associated institutes and research groups)
- President German Physical Society 1986-88

Evaluation

I fully agree with the evaluation of Professor Julin concerning the following points because it is needless to repeat them with other words:

Quality of training aims

National and international collaborations with Academic partners

Spaces and instruments of the School

Relevance of the research areas

Teaching staff publications

PhD students publications

Quality of the courses/seminars of the School

Specific grades and remarks:

Research Funds of the teaching staff

Grade: Sufficient

Comments: I agree with the remarks of Professor Julin and add the following: In Germany many teachers/researchers at the universities profit from collaborations with colleagues at institutes of the Max-Planck Society, Fraunhofer Society, Helmholtz Society, Leibniz Society, ESO, ESA, and even industry labs. These are symbiotic relations. In return the research institutes/labs get access to excellent degree holders.

School funds availability

Grade: insufficient

Comments: A stipend of ~ 1100 Euro per month may be sufficient for a student's life of a native Italian in Padua. But for foreign PhD students it is definitely too low. This may explain that the fraction of foreign students in your school is relatively low. In our IMPRS ~ 80% of the students have a foreign nationality, and of them ~55% are Italians!

Vocational and academic recruiting

Grade: Good

Comments: Professur Julin is right with his remark on the scarceness of positions for physicists in the Italian industry. This is a general socio-economic problem, for which the school cannot be blamed. The situation can only be improved on the long run. One should get the Italian Physical Society interested to change this unfortunate situation. Of course, there is no "physical industry" (in contrast to the chemical industry), but in other highly industrialized countries many branches of industry (and administration) need and like to employ physicists because of their broadband method oriented education, their flexibility and versatility.

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