



SOCIETÀ ITALIANA DI FISICA

IL PRESIDENTE

Bologna, 21/07/2017
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Professor Gianpaolo BELLINI
Università di Milano e INFN, Sezione di Milano

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L'Aquila

Professor Dr. Rer. Nat. Till Arnulf KIRSTEN
Department of Astroparticle Physics
Max-Planck Institut für Kernphysik
Heidelberg, Germany

Dear Colleagues,

I am very pleased to inform you that, according to the decision of the Prize Award Committee, endorsed by the Council of the Italian Physical Society in its meeting of July 20th, you have been awarded together the 2017 "Enrico Fermi" Prize of the Italian Physical Society:

*"for your outstanding contributions to neutrino physics and astrophysics
at the Gran Sasso underground laboratory".*

In particular, the individual citations are the following:

- to Gianpaolo Bellini, INFN, Sezione di Milano, *"for the measurement of the solar neutrino spectrum, providing the evidence for nuclear hydrogen fusion in the sun and for adiabatic neutrino flavour conversion in matter"*;
- to Veniamin Berezinsky, Gran Sasso Science Institute, L'Aquila, *"for his theoretical contributions to the cosmogenic production of ultra-high energy neutrinos, to high energy neutrino astronomy and to the solar neutrino problem"*;
- to Till Arnulf Kirsten, Department of Astroparticle Physics, Max-Planck Institut für Kernphysik, Heidelberg, Germany, *"for the first observation of low energy solar electron neutrinos providing the first direct evidence of hydrogen fusion inside a star"*.

The awarding will take place on Monday, September 11th during the Opening Ceremony (starting at 9.00 a.m.) of the 103rd National Congress of the Italian Physical Society in Trento, at the "Teatro Sociale di Trento", Via Oss Mazzurana 19.

After the awarding, each winner will be required to give a brief presentation (of about 10 minutes) of his main achievements related to the prize-awarded work.

The programme of the Congress is available here: <https://congresso.sif.it/>

The Italian Physical Society will offer you board and lodging for the day(s) you will remain in Trento. You will be contacted by the SIF Secretariat for all details.

Looking forward to seeing you in Trento, with my warmest personal congratulations,

President
Italian Physical Society