

# IPS STUDENT PRIZEWINNERS 2007

## Yoav Linzon, Tel Aviv University

The IPS prize is awarded to Yoav Linzon in recognition of his outstanding achievements during his graduate work on Nonlinear Optics. Specifically, for the study of interactions between nonlinear waves in periodic one dimensional photonic crystals, and nonlinear scattering and trapping by local optical potentials. Yoav's achievements have earned him several presentations at international conferences and workshops, and are recognized in prestigious prizes.

His talk, entitled, "Single beam mapping of nonlinear phase shift profiles in planar waveguides with an embedded mirror" will be given at 14:30 in the Atlas room.

## Zohar Komargodski, Weizmann Institute

The IPS prize is awarded to Zohar Komargodski in recognition of his outstanding achievements during his graduate work in String Theory. Although he began his graduate work only 3 years ago, Zohar has already coauthored 7 papers which contain significant contributions to some of the more difficult aspects of the field and have been widely cited. His senior colleagues have the highest expectations for him.

His talk, entitled "Scattering in maximally symmetric Yang-Mills theory" will be given at 15:06 in the Mexico room.

Runners up are:

Guy Ron, Tel Aviv, whose talk, entitled, "A new measurement of the proton electromagnetic form factor ratio at low  $Q^2$ " will be given at 16:06 in the Mexico room.

Baruch Barzel, HUJI, whose talk, entitled, "An efficient method for simulating complex reaction networks" will be given at 17:16 in room L.

Tal Schwartz, Technion, whose talk, entitled, "Transport and Anderson localization in disordered photonic lattices" will be given at 17:52 in the Accelerator room.