

The SIPL Newsletter, August 2014

עדכונים מהמעבדה לעיבוד אותות ותמונות, הפקולטה להנדסת חשמל, הטכניון

SIPL Activities

SIPL 24th annual event took place on June, 25. In this event, we summarized our activities during last year. Slides, posters and images from the event can be found [here](#).

SIPL students have built an **augmented reality pinball game**. A short video showing the system can be found [here](#).

Hila Berkovich has just completed her **MSc thesis** under the supervision of Prof. David Malah and Dr. Meir Bar-Zohar on the subject of [Model-Based Adaptive Non-Local Means Image Denoising](#).

Seminars

THE PIXEL CLUB

Idan Ram will present his **PhD work**, under the supervision of Prof. Israel Cohen and Prof. Miki Elad, in a seminar: [Wavelets on Graphs and their Deployment to Image Processing](#), Tuesday, 19/8. Note that a paper describing this work was in the list of the top 100 IEEE downloads (in all areas of engineering) for several months.

Prof. J. Leo van Hemmen from TU Munchen will give a guest lecture in our department on Wednesday 20/8 on [Internally Coupled Ears \(ICE\): The Cool Part of Sound Localization](#).

Conferences and Events

The annual **TCE** (Technion Computer Engineering) Conference took place last May. The topic of this conference was **"Trends in Signal and Image Processing"** and it hosted well-known researchers in this area like Stefan Mallat, Peyman Milanfar, Guillermo Sapiro and Ronald Coifman. Slides and videos from this event can be found [here](#).

[IEEE 28th Convention in Israel](#) will take place 3-5/12 in Eilat. *SIPL* will present several graduate and undergraduate works in this event.



Other Signal and Image Processing News

A new interesting work by MIT researchers was presented in SIGGRAPH 2014:
[The Visual Microphone: Passive Recovery of Sound from Video.](#)

SIPL Industry Collaborations in 2014



Comments and suggestions: sipl-newsletter@ee.technion.ac.il