



# Xerox: a pioneer in extracting actionable business analytics from images and video.

**Our expertise** in Computer Vision helps Xerox improve the way businesses are run and makes it easier for people to accomplish more.

**Our work supports many industries** including transportation, finance, retail, healthcare, education and marketing.

**Our market impact** includes license plate recognition, vehicle occupancy detection, document categorization and mobile document capture apps.

**Our global footprint** includes research centers in the United States, France and India.

**We partner** with industry, government and academia, including MIT, Harvard, Oxford, Carnegie Mellon and other premier institutions.

**We publish** in premier scientific forums around the world. Turn this over to see our CVPR schedule.

**Interns & postdoctoral** researchers work on computer vision problems that are scientifically challenging and of tangible business impact.

**Learn more** about our exciting research by visiting our booth (#1) and scan the QR code to visit our website. <http://goo.gl/VMqch8>



**To discuss career opportunities, please contact us below.**

Raja Bala, [raja.bala@xerox.com](mailto:raja.bala@xerox.com)

Bob Loce, [robert.loce@xerox.com](mailto:robert.loce@xerox.com)

Peter Paul, [peter.paul@xerox.com](mailto:peter.paul@xerox.com)

# Xerox at CVPR 2014

## Invited Talk

**Computer Vision with an Eye on Services**, [Raja Bala](#), [Peter Paul](#), Vision Industry and Entrepreneur Workshop, Monday, June 23, 1605-1645, Grand Ballroom 2

## Tutorial

**Large-Scale Visual Recognition**, Zaid Harchaoui, Hervé Jégou, [Florent Perronnin](#), Saturday, June 28, 0830-1700, C215

## Main Conference

**Generalized Max Pooling**, [Naila Murray](#), [Florent Perronnin](#), Thursday, June 26, 1000-1200 Grand Ballroom 3

**Large-Scale Optimization of Hierarchical Features for Saliency Prediction in Natural Images**, [Eleonora Vig](#), Michael Dorr, David Cox, Thursday, June 26, 1630-1830, Grand Ballroom 1-3

**Transformation Pursuit for Image Classification**, Mattis Paulin, Jérôme Revaud, Zaid Harchaoui, [Florent Perronnin](#), Cordelia Schmid, Friday, June 27, 1000-1200, Grand Ballroom 1-3

**Beyond Human Opinion Scores: Blind Image Quality Assessment based on Synthetic Scores**, Peng Ye, [Jayant Kumar](#), David Doermann, Friday, June 27, 1630-1830, Grand Ballroom 3

\*Xerox authors are in [blue](#)

## Workshops

**Driver Cell Phone Usage Detection from HOV/HOT NIR Images**, [Yusuf Artan](#), [Orhan Bulan](#), [Robert Loce](#), [Peter Paul](#), Perception Beyond the Visible Spectrum Workshop, Monday, June 23, 0930-0945, C110

**Generating Gold Questions for Difficult Visual Recognition Tasks**, [Diane Larlus](#), [Florent Perronnin](#), [Pramod Kompalli](#), [Vivek Mishr](#), Computer Vision and Human Computation Workshop, Monday, June 23, 1105-1200, Grand Ballroom 3

**Xerox Computer Vision for Roadway Transportation Systems: Automated Image-Based Detection of Front Seat Passengers in Vehicles**, [Aaron Burry](#), [Peter Paul](#), [Yusuf Artan](#), [Florent Perronnin](#), Vision Industry and Entrepreneur Workshop, Monday, June 23, 1315-1500, Grand Ballroom 2

**Xerox Computer Vision for Roadway Transportation Systems: Robust, High Yield Automated License Plate Recognition**, [Vladimir Kozitsky](#), [Aaron Burry](#), Vision Industry and Entrepreneur Workshop, Monday, June 23, 1315-1500, Grand Ballroom 2

**Estimating Gaze Direction of Vehicle Drivers using a Smartphone Camera**, Meng-Che (David) Chuang, [Raja Bala](#), [Edgar Bernal](#), [Aaron Burry](#), [Peter Paul](#), Mobile Vision Workshop, Monday, June 23, 1445-1505, C210