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Eurographics 2013
May 6-10, Girona (Spain)

Introduction

- Established in 2008

- Research fields
  - Computer graphics
  - Computational photography
  - Computational imaging
  - Applied perception

Staff

- 2 Faculty members

- 1 Post-doctoral researcher

- 5 PhD Students

- 6 Master and undergraduate students

Funding projects

- **GOLEM**: Realistic Virtual Humans
  - Marie Curie Programme

- **VERVE**: Vanquishing fear and apathy through E-inclusion: Personalized and populated Realistic Virtual Environments for clinical, home and mobile platforms
  - 7th Framework Programme

- **MIMESIS**: Low-Cost Techniques for Appearance Model Acquisition of Materials
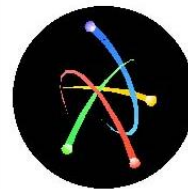 - Spanish Ministry of Science and Technology

Collaborations

Collaborations

Research: Computer graphics
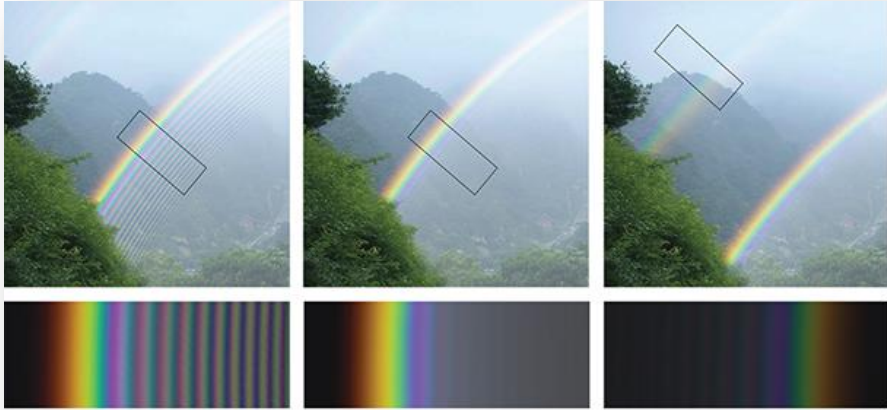
Rainbows simulation
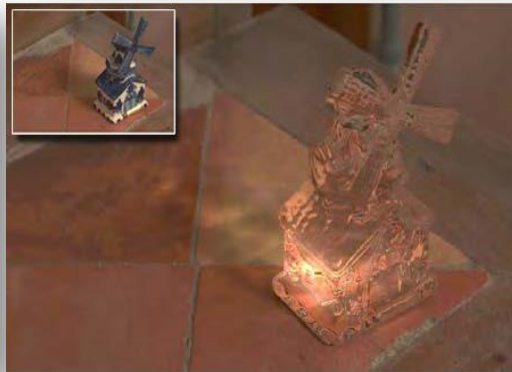Sadeghi et al., TOG 2012

Antialiasing
Jimenez et al., CGF (EG 2012)
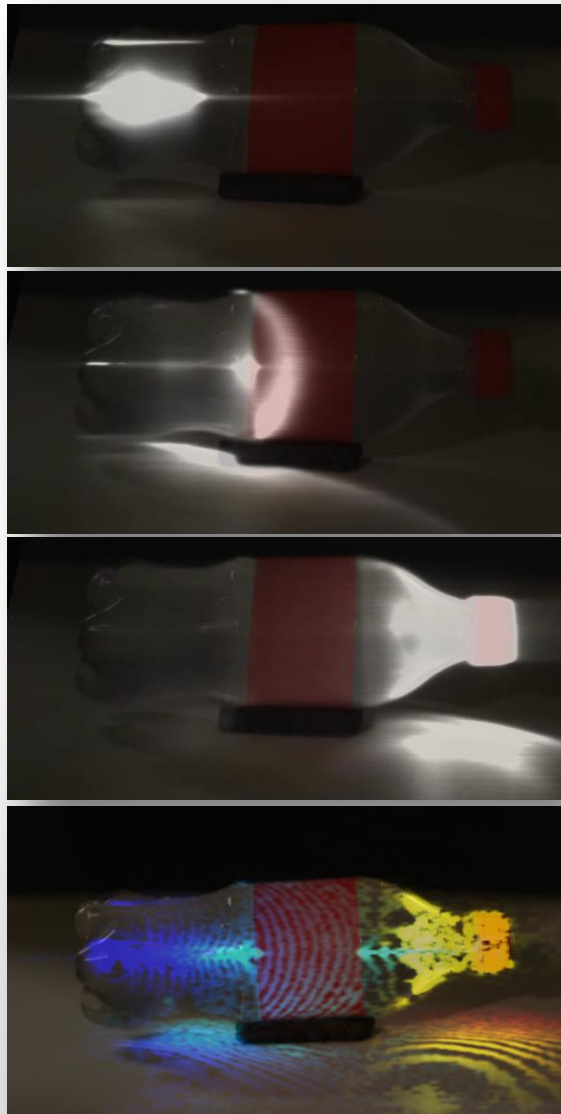Jimenez et al., SIGGRAPH 2011 Course

Research: Computer graphics

Real-time dynamic skin
Jimenez et al., SIGGRAPH Asia 2010

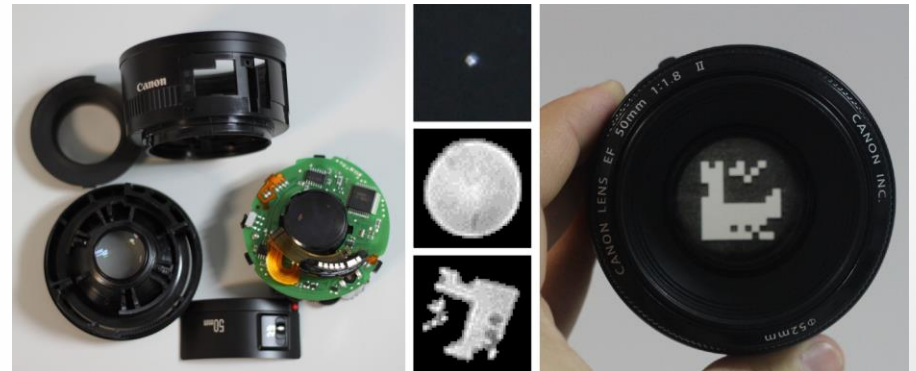### Procedural caustics
Gutierrez et al., SIGGRAPH Asia 2008

Research: Computational photography
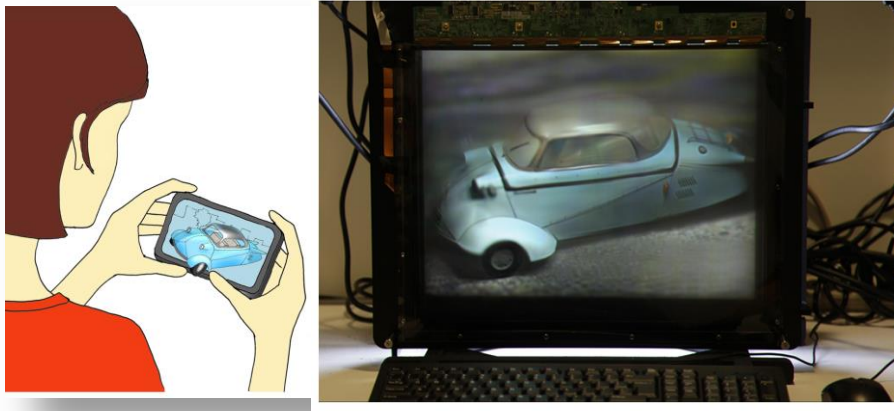

Femto photography
Velten et al., SIGGRAPH 2013
Velten et al., SIGGRAPH 2012 talk
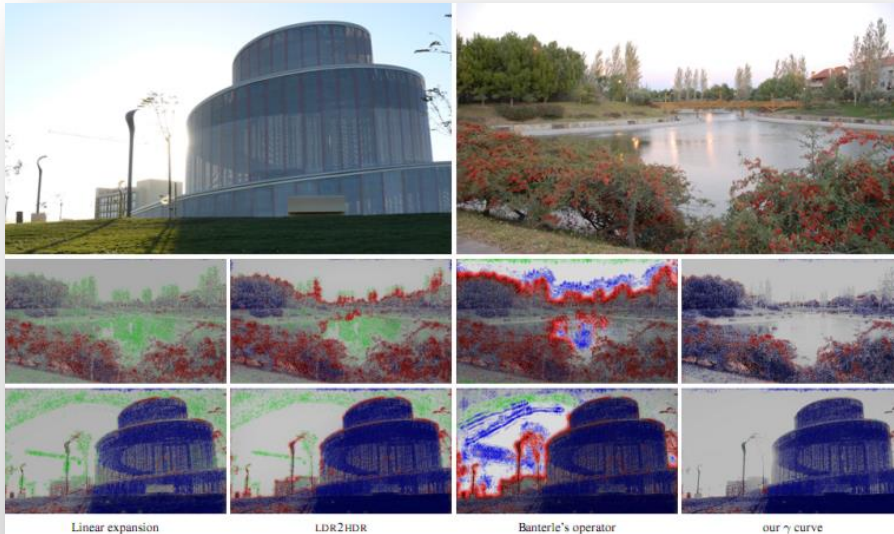

Coded apertures
Masia et al., CGF 2012

Research: Computational imaging

Computational displays
Wetzstein et al., SIGGRAPH 2012 Course
Masia et al., SIGGRAPH 2012 Poster

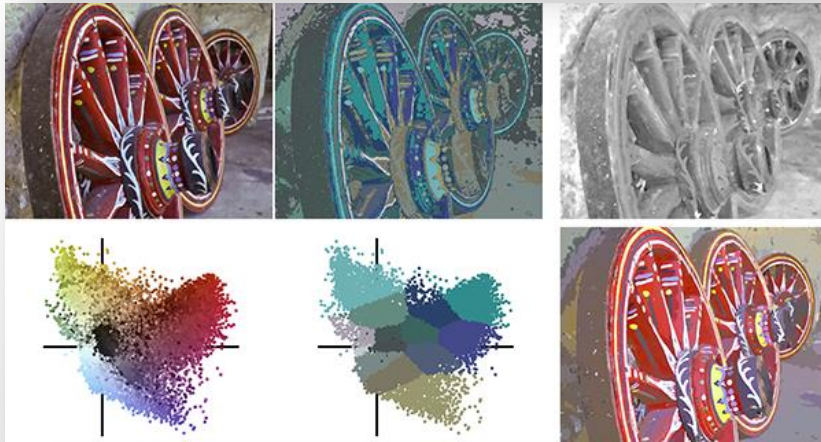## Reverse tone mapping
Masia et al., SIGGRAPH Asia 2009

Research: Computational imaging

Light detection and relighting
Lopez-Moreno et al., C&G 2011

Intrinsic images
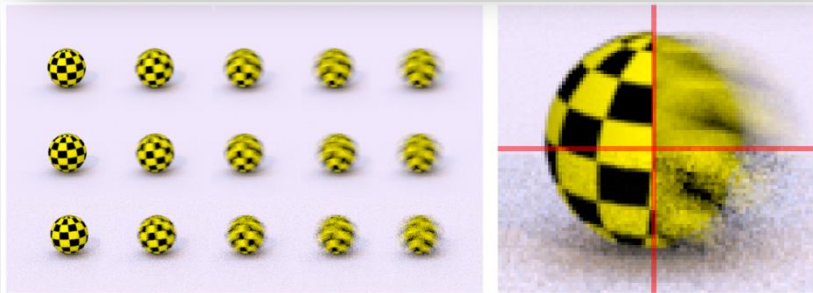Garces et al., CGF (EGSR 2012)

Material acquistion
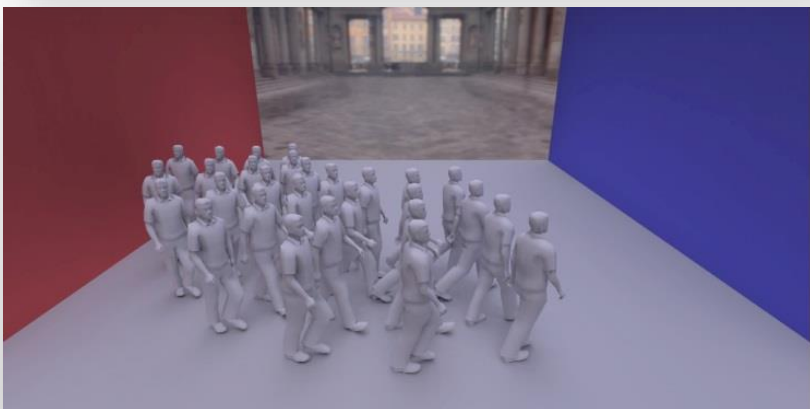Munoz et al., CGF (EG 2011)

Research: Applied perception

Image retargeting
Rubinstein et al., SIGGRAPH Asia 2010

Motion blur
Navarro et al., TAP 2011

Lighting of crowds
Jarabo et al., CGF (EG 2012)

Perception in graphics
McNamara et al., SIGGRAPH Asia 2011 Course