







- [Zickler et al. 2005]
  - reflectance sharing
  - treat reflectance estimate as a scattered-data interpolation problem
  - mixed angular-spatial domain
  - works on sparse input data

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# With Normal Fitting





### Conclusion

- determine BRDF of a few basis materials
- spatial variation as a blend of basis BRDFs

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highly efficient acquisition

#### model based

requires geometry model

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## **Course Web Pages**

• find updated content at

EG 2007 Tutorial: Capturing Reflectance - From Theory to Practice

http://www.mpi-inf.mpg.de/resources/ eg07-capturing-reflectance

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### Schedule

14:00-14:25 – Introduction (Lensch)
14.25-15.00 - Acquisition Basics (Goesele)
15:00-15:30 – Reflectance Sharing (Goesele)
15:30-16:00 – Break
16:00-16:45 - Reflectance Fields for Distant Lights (Müller)
16:45-17:20 - Near-field Reflectance Fields (Lensch)
17:20-17:30 – Conclusion, Q/A

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