

Why is Vision hard?

- Illumination and reflection properties
 - plenoptic function, Viewpoint variations
- Inverse problem → multiple interpretations
 - Assumptions needed → misinterpretations
- Large intra class variations
(house, chair, food ...)
- Occlusions
- Deformation
- Background (KdT)

organisational

timeline:

- problem presentation (5 min.)
 - discussion (15min.)
 - presentation of the solution of the paper (15min.)
 - review (10 min.)
-
- we will have two papers per seminar
 - you have to hand in your slides and your review

Goals:

- preparing and giving a scientific presentation
- leading a discussion
- understanding current scientific literature
- learn to gain a critical but fair look at papers by writing and presenting a review

What is the “review”??

review form content (CVPR):

- Summary
- Overall Rating
 - Definite accept, weakly accept, borderline, weakly reject, definite reject
- Novelty
 - Very original, original, minor originality, has been done before
- Importance/relevance
 - Of broad interest, interesting to a subarea, interesting only to a small number of attendees, out of CVPR scope
- Clarity of presentation
 - Reads very well, is clear enough, difficult to read, unreadable
- Technical correctness
 - Definite correct, probably correct but did not check completely, contains rectifiable errors, has major problems
- Experimental validation
 - Excellent validation or N/A (a theoretical paper), limited but convincing, lacking in some aspects, insufficient validation
- Additional comments