

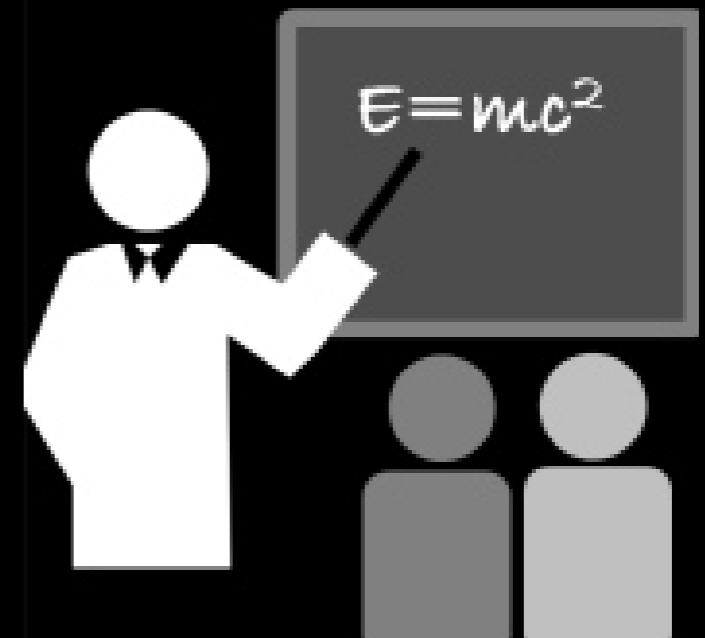
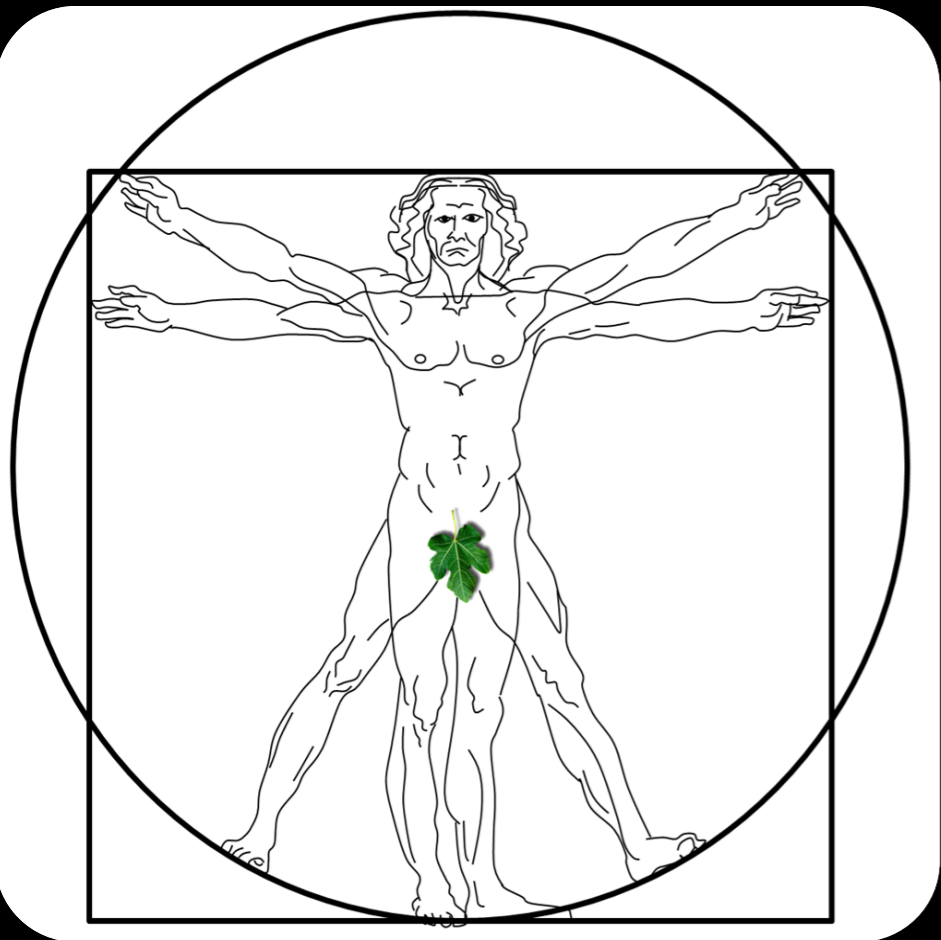


# How to write a good research proposal



**Ron Kimmel**

Geometric Image Processing Lab.  
Technion – Israel Institute of Technology



# Why am I here?

- Main reason is the EU 2M++ Euro
- Advanced ERC
- ONR grant
- GIF, BSF, ISF, Consortia, ...

# Learn from examples

- Find critical reviewers for your proposal
- Listen to Prof. Segev's on-line lecture!
- I did almost everything differently
- $\Rightarrow$  There is more than one way to write a winning proposal.
- Alex Bronstein (now TAU) helped in reshaping my proposal into its winning form.

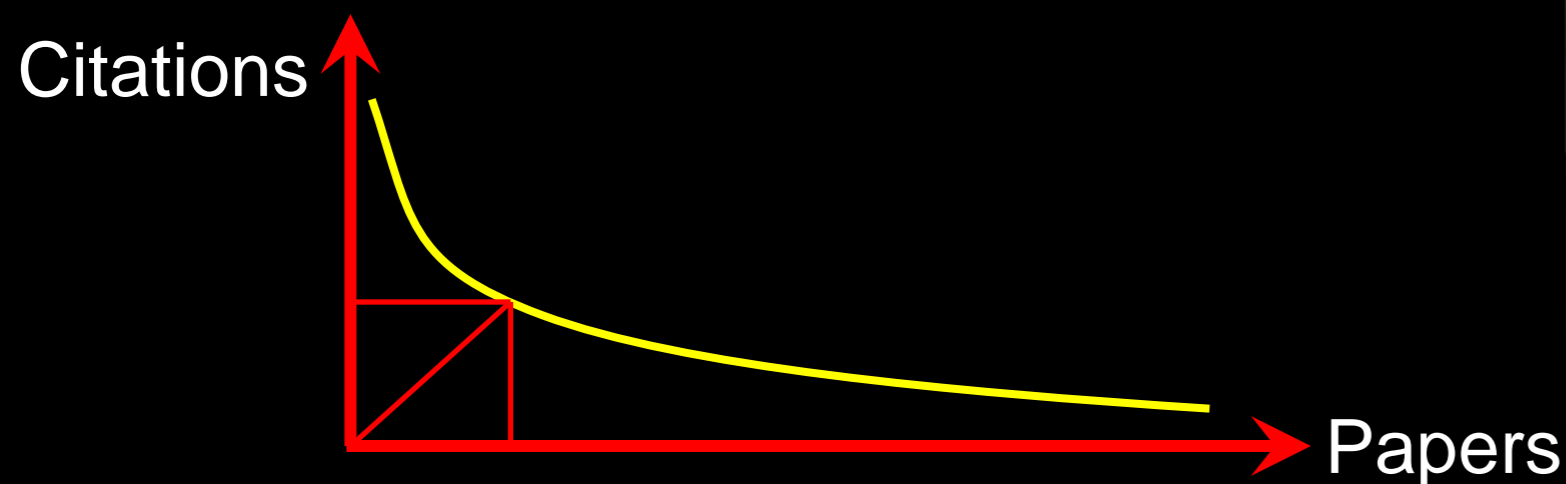


אל תרכיבו משקפיים  
לא קודרות ולא שמחות



- Mirror mirror on the wall...
- Harzing's Publish or Perish
- Self evaluation:

Do I get requests to evaluate  
ERC/ONR/DOE/NSF? H#, ...



# ERC Advanced PI Credibility

- Impact factor ( $h\# \gg 30$  || incredible discovery)
- Where am I in the WWW?
- Young: Paragios 36, Cremers 30, (12,26,...)
- Advanced: Morel 46, (36...)
- Credibility is a must! Books, large impact papers (above 2k), X-students became faculty, awards, large personal grants,...



# ERC Advanced

## The actual proposal

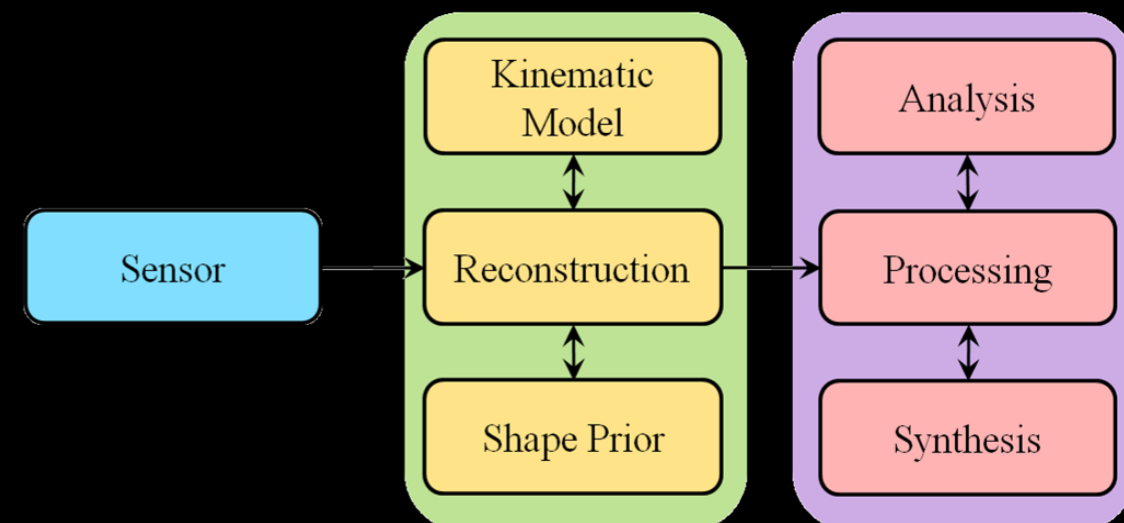
- Out of the 9 reviewers that read your proposal, at least 3 are experts in your field.
- Organize your manuscript well
- Present your pros without being arrogant
- Building a bridge between X and Y
- There are risks, but the direction is clear



# RTFM



- Read the ... manual!
- War story: I did it my way ...
- Let one or two of your students take active part in the story.
- Preliminary results are nice to have.
- Use the whole space

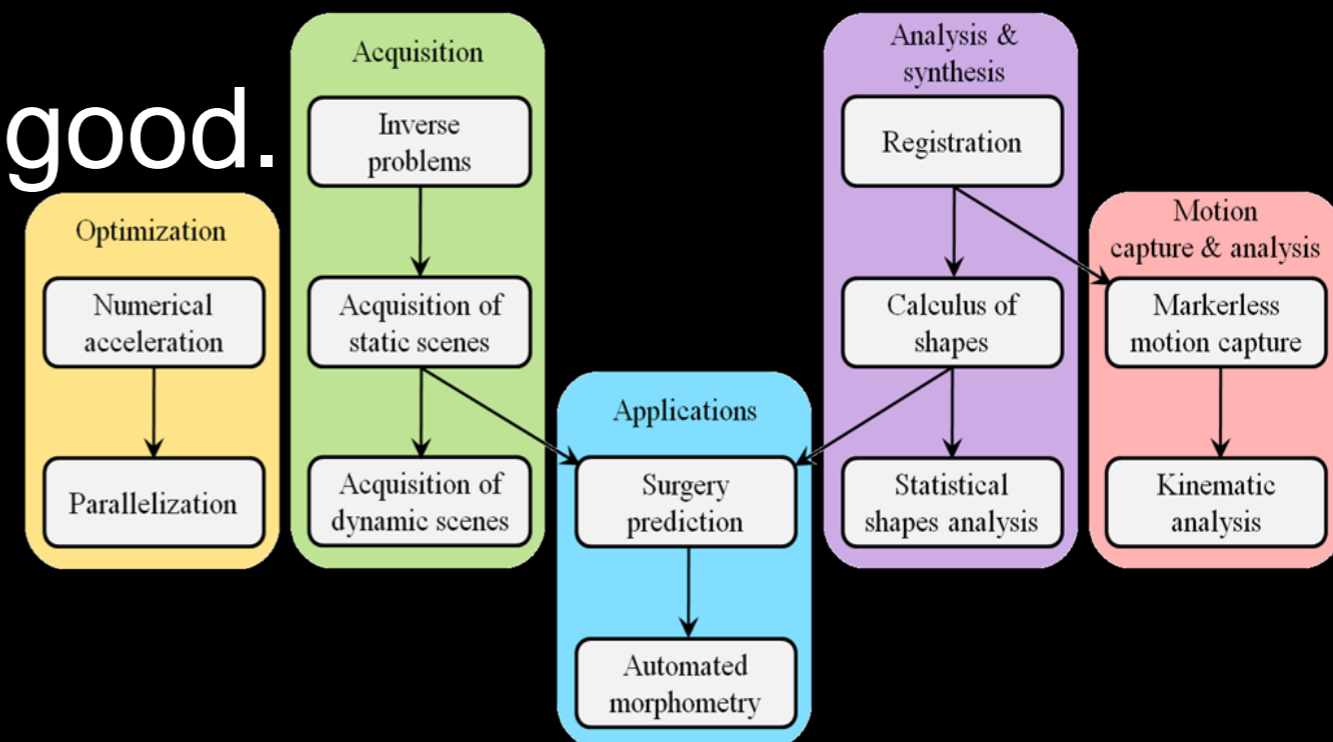




# Budget

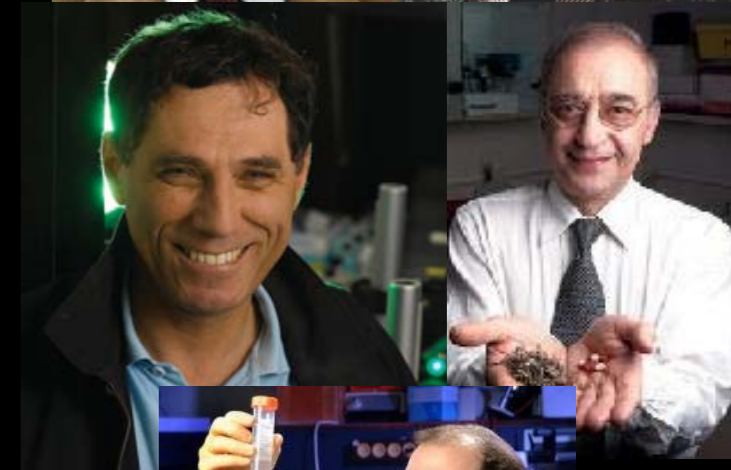


- Mark knows how to map your needs into simple numbers.
- It takes one meeting if you know your needs.
- Balance is always good.
- No infrastructure!



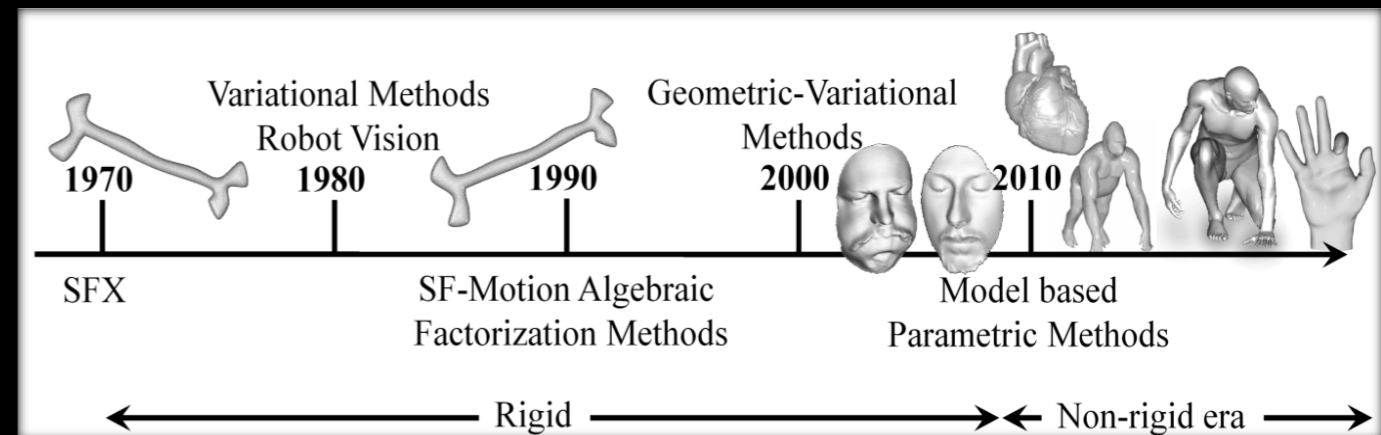
# Technion credibility

- Describe the infrastructure.
- Change the default template!
- There are strange statements
- Different disciplines should adjust the content.
- Express your beliefs your way



# My proposal

- War stories... (Yana and the double abstract).



- Avoid equations.

- Keep it at concepts level

- There are better deals (if you were a top-notch Swiss, German or US-academic. IDBDBDBDBDBDBDBoM)



# Do I really need that ?



- No sabbaticals in the US
- Sweaty Summers
- Ancient and ridiculous Vatat rules
- You can't lecture about your research in Europe during the summer!
- Manage a large group
- Do not expect any management support

