













GIULIO ANTONUTTO FOI







RADIANCE WORKSHOP IN FRIBOURG - 2002 DAYLIGHTING ANALYSIS

- DF calculation
- Mean illuminance frequency on workplane (energy savings)
- Solar study (solar animation + solar path diagrams)
- Glare prevention (DGI calculation, luminance maps)
- Visual appearance (rendering, animation)







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²¹st of June - 17.30

THE BUILDING - SOLUTIONS TO PROBLEMS

- USE OF PRISMATIC PANES ON GLAZED ROOF TO AVOID GLARE PHENOMENA
- VENETIAN BLINDS INSIDE OF DOUBLE GLAZING FACADE TO TO AVOID DIRECT SUN PENETRATION
- SEPARATE SETTINGS FOR LOWER AND UPPER PART OF VENETIAN BLINDS TO ALLOW THE REDIRECTION OF DIRECT SUN RADIATION INSIDE OF ROOM BY REFLECTION ON THE CEILING