

## PST1C-

### 15: Light as a Substance

**Location:** Exhibit Hall B South  
**Date:** Monday, Feb.15  
**Time:** 10:00 AM  
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**Abstract:** The subject is an attempt to popularize physics with illustrations in the "comics" style and statements in the "slogan" style. The 14 pictures represent experiments carried out in thought, some more "gedanken" and unrealistic than others, and they want to show that the substance model for light completes the traditional description with rays, waves, and particles. But my major hope is to demonstrate the possibility to build a substantial understanding of an important theme from natural sciences through narrative understanding, with no unnecessary simplification and no dumbing down.

**Footnotes:** <http://www.physikdidaktik.uni-karlsruhe.de/>  
<http://www.job-stiftung.de>  
<http://corradoagnes.com>

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