

# Nauka i Kultura Science and Culture

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## Lecture Plan:

### *Introduction*

**What Science?** Natural sciences and mathematics, philosophy

**What Art**

**Architecture, Painting, Literature, Film**

**When**

**Prehistory (before the 19th century)**

**19th and 20th centuries**

**Today**

### *Painting*

**What is a picture**

**Color and light**

**Notes on frauds**

***Science in the intellectual life of Europe at the turn of the century***

**Science fiction literature of the 19th century**

**Science in literature at the turn of the century**

**Science in painting at the turn of the century**

**New Philosophy of Science**

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***The world after the cataclysm of World War I,  
The emergence of "new physics"***

**Literature**

**A few remarks on music**

**Movie**

**Radio dissemination**

***Cosequences of the participation of science in the  
Second World War***

**New technologies and consequences for art**

**Color**

**Film**

**Television popularization**

**Beginning of the digital age**

***Some literature:***

- **W.Stanley Taft, James W. Mayer. The science of Paintings**
- **M. Hollingsworth . Art in the history of Men**
- **L. Shlain. Art and Physics**



**Fantastyka  
Naukowa. Czy  
rzeczywiście  
była  
prekursorem  
odkryć  
naukowych?**