

# Versuche zur Vorlesung Physik für Maschinenbau

## Vorlesung 11

**Dr. Thomas Kirn**



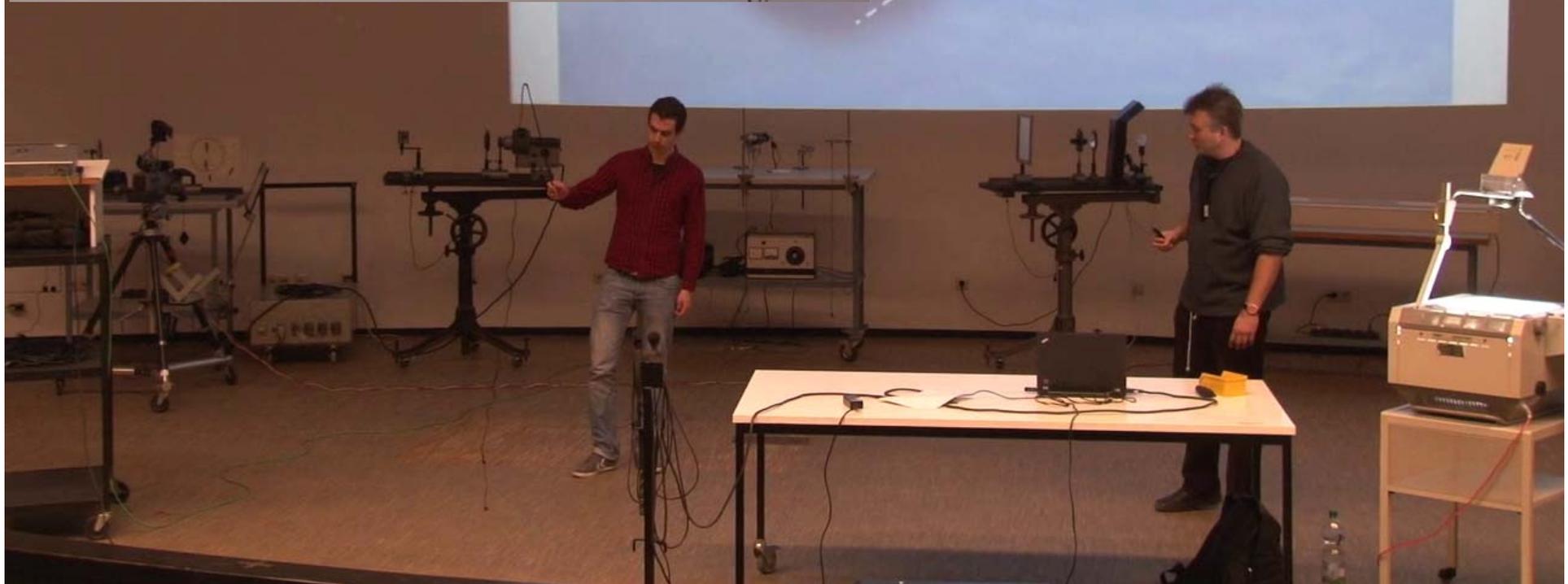
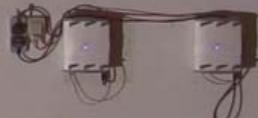
# Dopplereffekt, Peitschenknall



$$E_{kin} = \frac{1}{2} m v^2$$

$$m \rightarrow 0$$

$$v \rightarrow \infty$$



# Optik, Strahlengang Prisma, Minimalablenkung



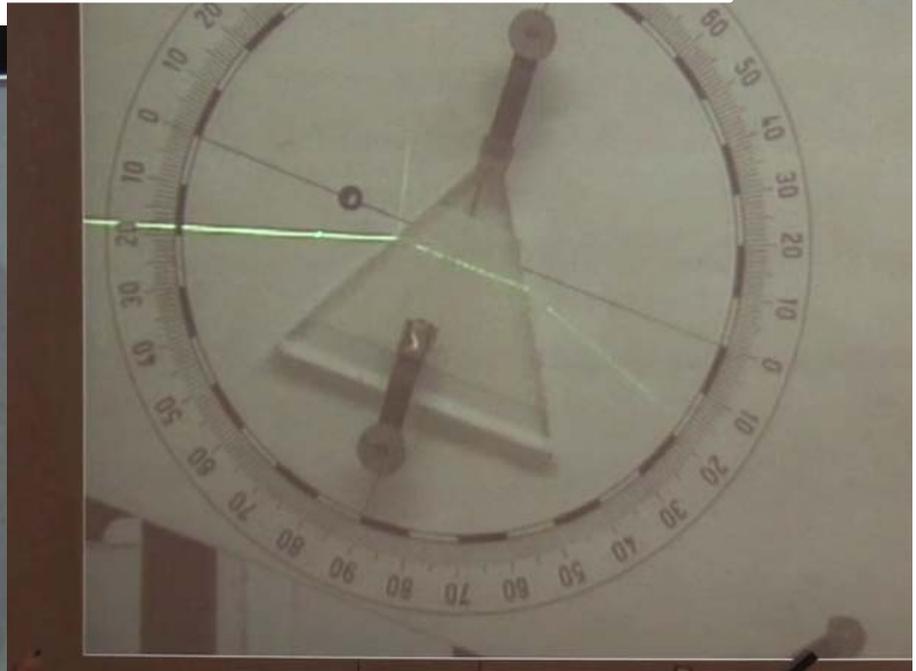
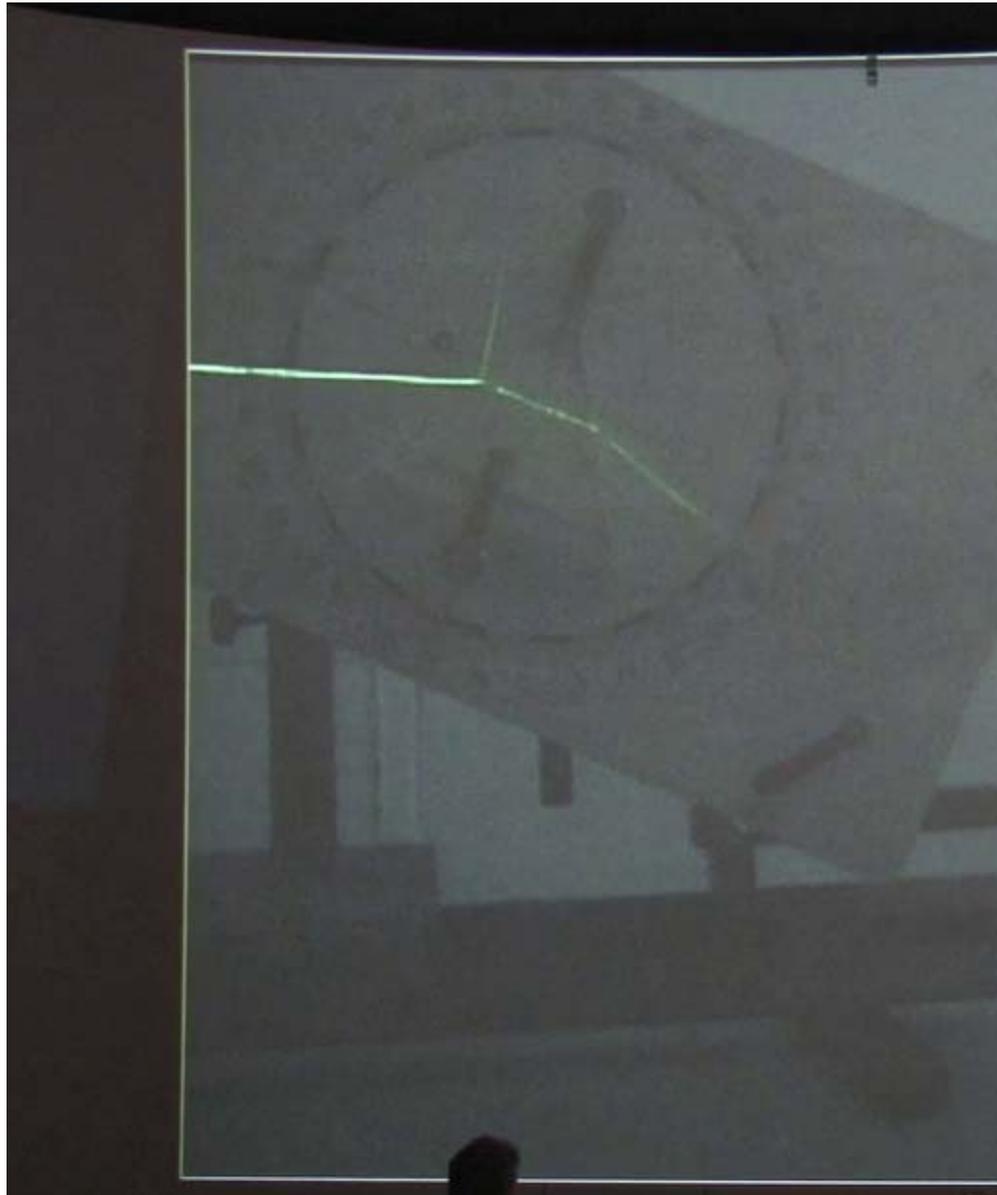
13/01/2012

# Optik, Strahlengang Prisma, Minimalablenkung



13/01/2012

# Optik, Strahlengang Prisma, Minimalablenkung



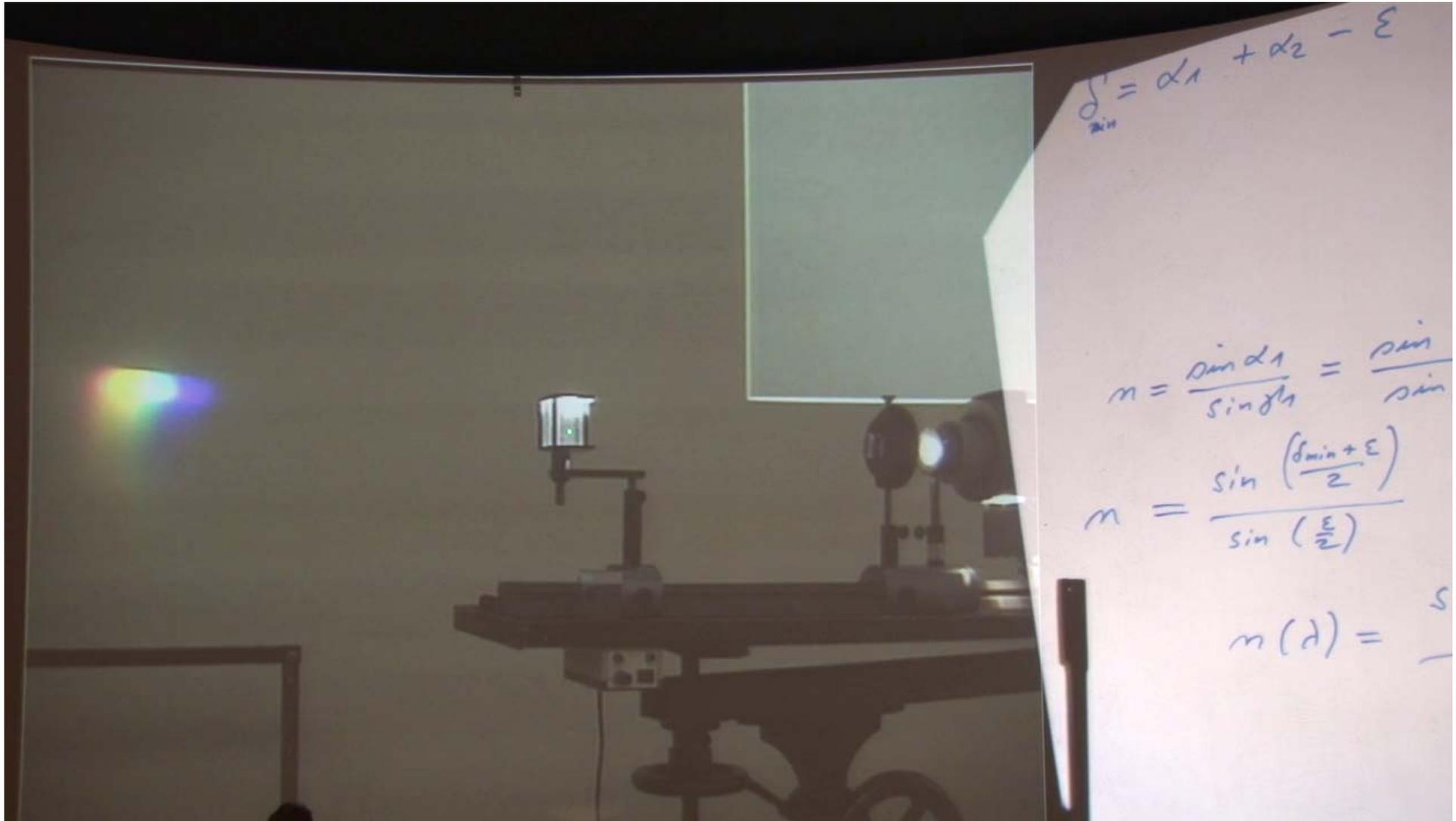
# Optik, Strahlengang Prisma, Dispersion



# Optik, Strahlengang Prisma, Dispersion



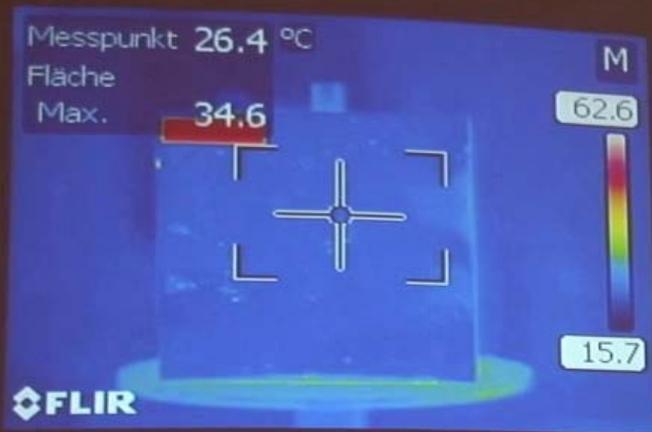
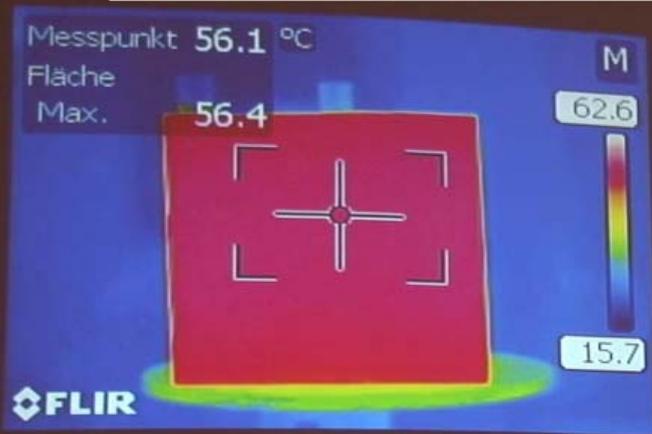
# Optik, Strahlengang Prisma, Dispersion



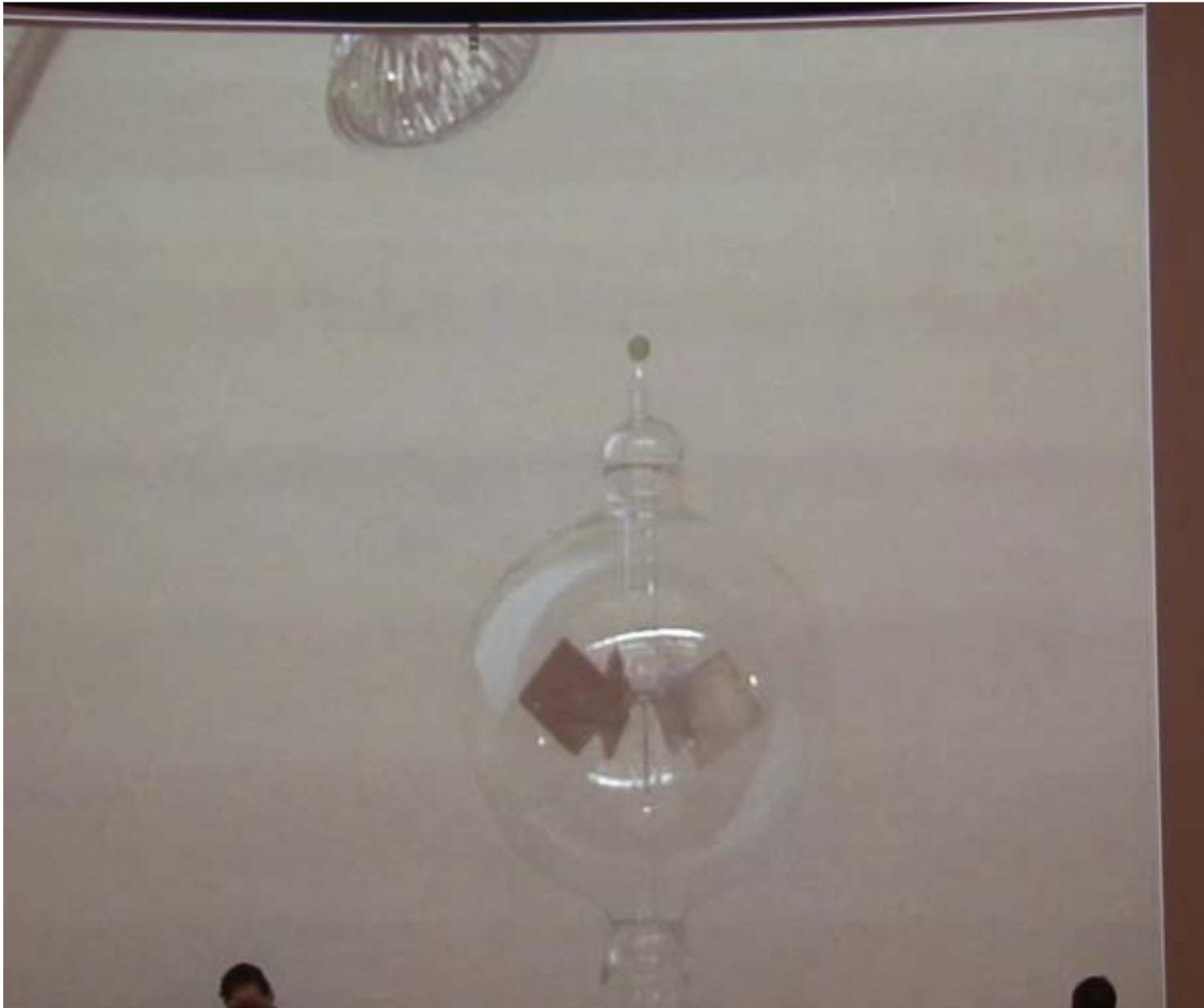
# Lichterzeugung, Wärmestrahlung



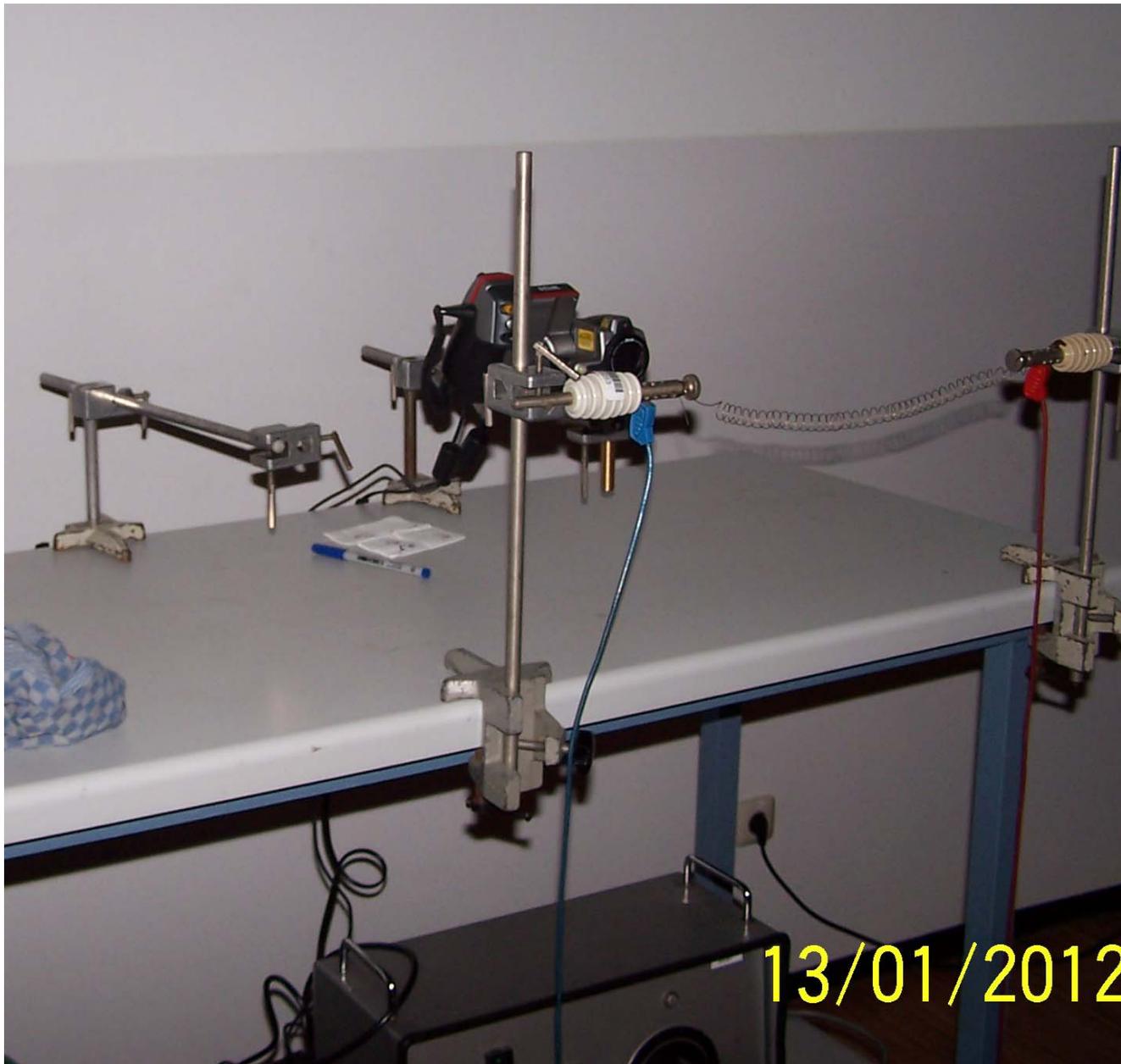
# Lichterzeugung, Wärmestrahlung, Leslie-Würfel



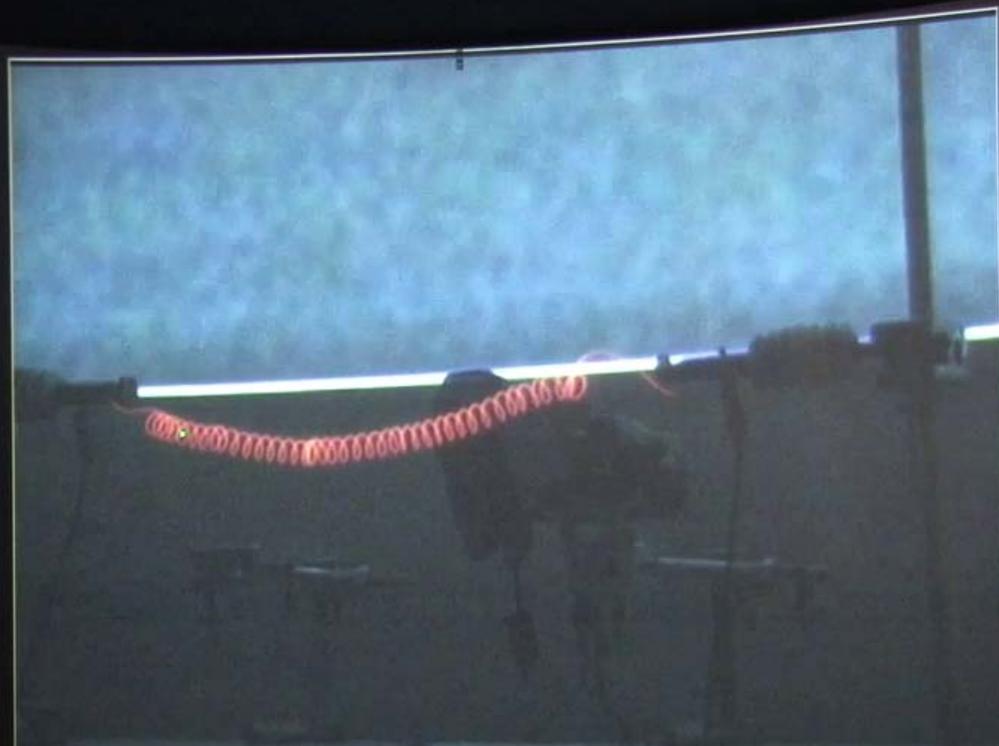
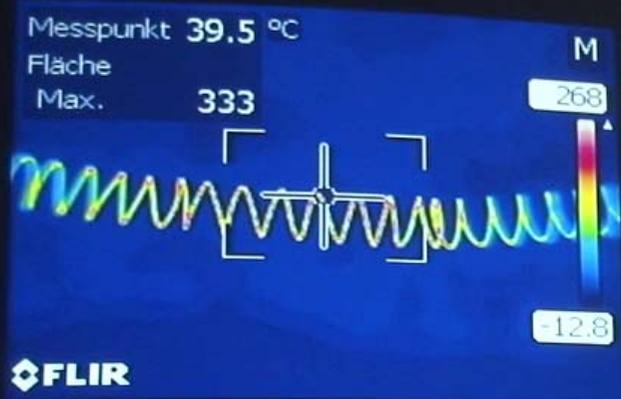
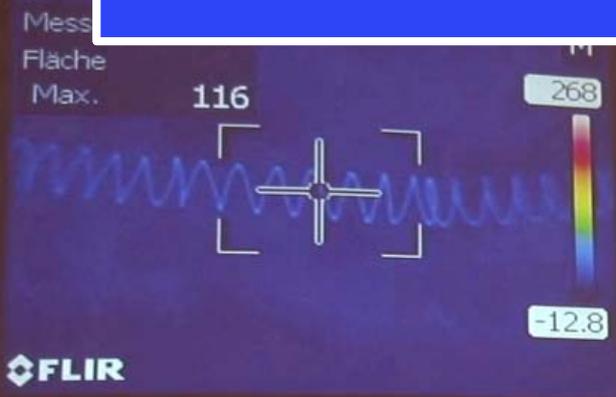
# Lichterzeugung, Wärmestrahlung, Lichtmühle



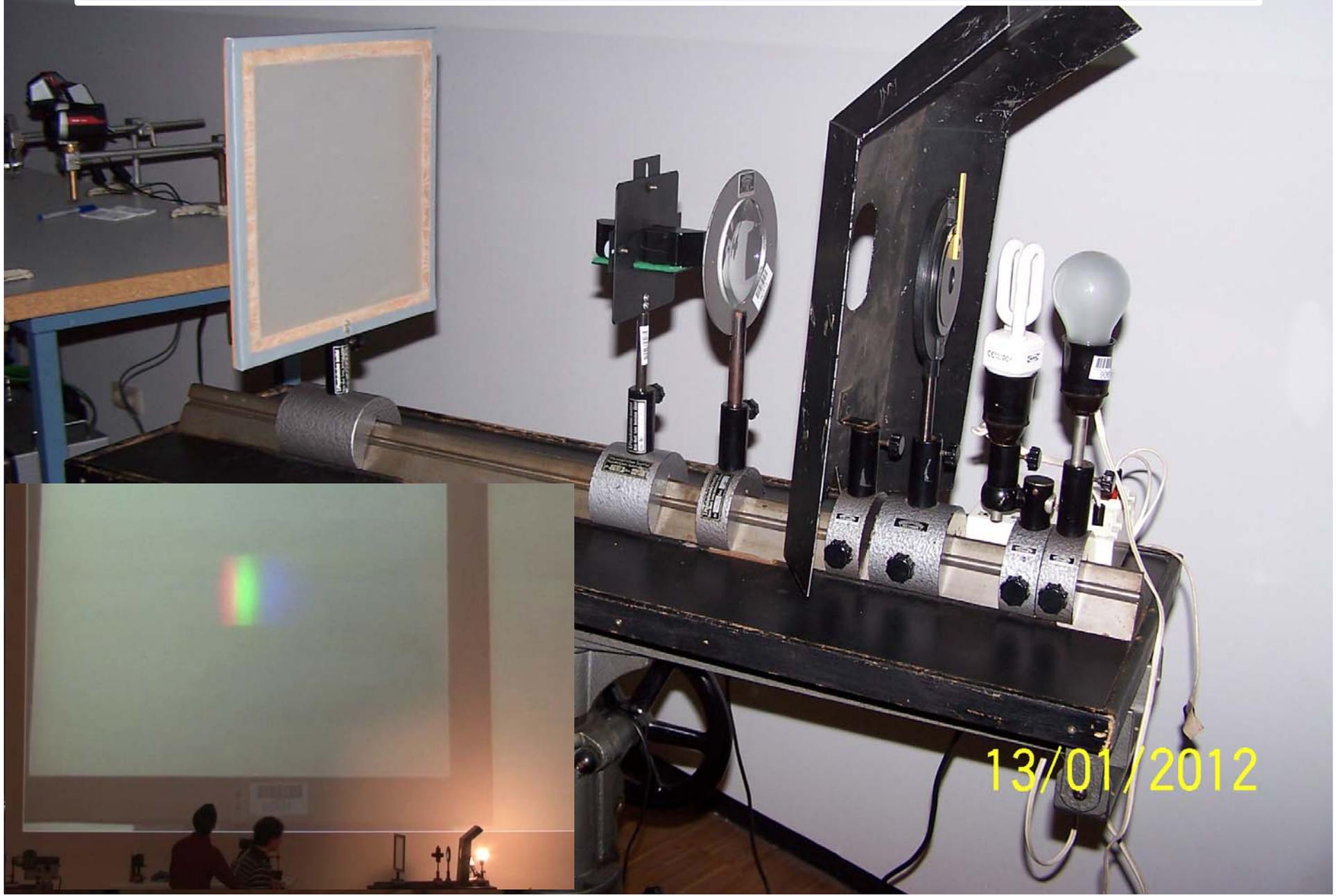
# Lichterzeugung, Wärmestrahlung, glühender Draht



# Lichterzeugung, Wärmestrahlung, glühender Draht



# Lichterzeugung, Wärmestrahlung, Spektrum Glühlampe



# Lichterzeugung, Gasentladungslampe

