

# **Global Focus on Knowledge 2010: Law and Contemporary Society**

## **Law and Science Trial and Science**

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*[Note: The context of the lecture notes has been abridged down to this single page due to the copyright restriction on a substantial quantity of the slides.]*

**Case 1: Fire of a group of factories, which broke out about 5 hours after the earthquake, and its cause (Is it caused by the earthquake?)**

- Example of a certificate of fire insurance
- Example of the extent fire insurance covers
- Map of Niigata of those days in 1948
- Local map at the time of the Niigata earthquake
- Is the cause of the subject fire an ignition due to submersion of iron powder? (the issue of this litigation)
- Sponge iron powder and a real sponge

**Case 2: Transverse spinal cord paralysis that developed sometime after an injection of antibiotic into the gluteus: Case of medical malpractice (an injection into the gluteus)**

**Case 3: Complications of cerebral palsy after an influenza vaccination: Case of medical malpractice (a vaccine)**

- Disorder over a new influenza vaccine; World Health Organization (May 2009)

**Case 4: Infringement litigation over the patent for PET**