

There are problems involving science and technology such as whether to running nuclear power plants and how to cope with global warming. Should science give answers to such questions? Are professional judgments absolute? There are always right answers in school science. There may exist no "right answers" science can provide in the real world, however. Evaluation of advanced technology and environmental assessments are examples of such problems with no right answers. How should citizens, administration, and legal professionals face with science and professional scientists to proactively judge social issues?

This symposium will clarify institutional problems with illustrations from courts where indeterminacy of science explicitly appears. Concurrent evidence (Justice McClellan) and classification of indeterminacy (incertitude) of science (Professor Stirling) will lead you to new ideas of social institutions to cope with advanced science and technology.

# International Symposium on Scientific Incertitude and Society

## Lessons from Law Court

Sunday **Aug.26**, 2012

Hitotsubashi Memorial Hall, Tokyo

am 10:00 ~ pm 6:00

pm 6:00 – 8:00 Young Socrates Cafe  
opening to the public

Free entrance upon registration (first 500 applicants)

Simultaneous interpretation available  
(except Young Socrates Cafe)

Presented by JST-RISTEX project , Legal Decision-making under Scientific Uncertainty (Science Group)

Organized by Executive Committee of the International Symposium

Auspices : The Physical Society of Japan , Japanese Society for Science and Technology Studies  
Japan Law Foundation , The Japanese Society of Clinical Ecology.

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# Program

## Symposium ( with lunch break )

10:00  
|  
14:30



**Scientific incertitude in law court: From a scientist' s viewpoint**  
—Tsuyoshi HONDOU (TOHOKU Univ.)

**On Concurrent Evidence and Its Institutional Implications**  
—Takayuki KIRA (Tokiwa Univ.)



**Concurrent evidence - contemporary methods with experts**  
—Peter McClellan (Supreme Court of New South Wales)

**How to use expert advice and witness in decision making:  
A brief review of Japanese cases**  
—Takayuki ONAI (Ryutsu-Keizai Univ.)



**Opening Up Scientific Incertitude:  
Some wider methodological and policy implications**  
—Andrew Stirling (University of Sussex)

**The possibility of Rational failure: the least regret, best effort, acceptance**  
—Tadashi KOBAYASHI (OSAKA Univ.)

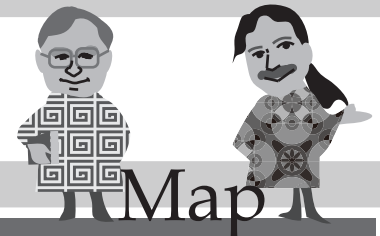


## Exhibition etc.

14:30  
|  
15:30



**"Handbook" for scientific incertitude** (Takako Nakajima)  
exhibition etc.



## Panel Discussion

15:30  
|  
18:00

moderators : Takayuki ONAI / Tsuyoshi HONDOU

**Peter McClellan**  
Supreme Court of New South Wales

**Andrew Stirling**  
University of Sussex

**Tadashi KOBAYASHI**  
OSAKA Univ.



**Koji HIRATA**  
The Graduate University for Advanced Studies



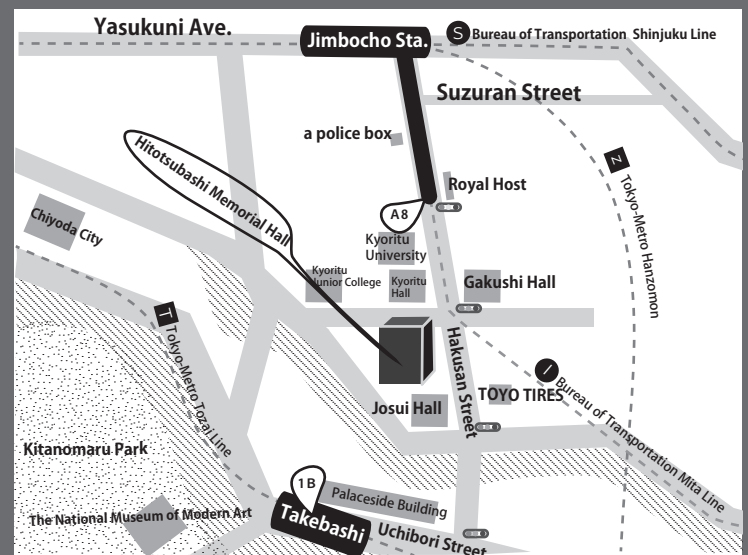
**Shigeto YONEMURA**  
TOHOKU Univ.

**Chihara WATANABE**  
RITSUMEIKAN Univ.



## Hitotsubashi Memorial Hall

2floor,Center of National University Finance and Manengiment,  
2-1-2,Hitotsubashi,Tiyoda-ku,Tokyo,101-0003



Tokyo-Metro Hanzomon Line  
Bureau of Transportation Mita Line  
Bureau of Transportation Shinjuku Line } 「Jimbocho 神保町」 Station  
(exit A8) 3minuts on foot  
Tokyo-Metro Tozai Line } 「Takebashi 竹橋」 Station  
(exit1B) 4minuts on foot

## Young Socrates Cafe (in Japanese)

18:00  
|  
20:00

*Informal summary of the symposium by  
up-and-coming philosophers of law followed  
by discussion with participants in a casual  
and relaxed setting.*



discussants :

**Fumiaki KOBAYASHI** (MEIJI Univ.)

**Takayuki KAWASE** (CHIBA Univ.)

**Takayuki KIRA** (Tokiwa Univ.)

facilitator : **Kouji TACHIBANA** (Tokyo Kagaku-Hiroba)