

MINET – Measuring the Impossible, Network

	<i>I 'Generic' metrology</i>	<i>II Man as Instrument</i>	<i>III Measuring Man</i>
<i>Decision-making and impact assessment</i>		Think tank D	

MINET Think Tank D Wageningen (NL) 13th May 2009

Introduction

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Interaction

WP3 Interdisciplinary Mtl Exchange of Knowledge

Objective:

Initiate and boost interdisciplinary creativity

Measurement of complex phenomena that are dependent on human perception and/or interpretation.

Coordinate, manage and support:

- a) Improve current MtI project research
- b) Create new project topics for future EC calls
- c) Advance the European knowledge base for courageous interdisciplinary research



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<i>Concepts & terminology</i>	Think tank A		
<i>Measuring systems & techniques</i>	Think tank B		
<i>Measurement uncertainty</i>	Think tank C		
<i>Decision-making and impact assessment</i>	Think tank D		



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MINET WP3

Workpackage 3 of EU project MINET Measuring the Impossible Network

Home

MINET WP3 Home

Repository

Study visits

Think Tanks

Think Tanks

Creative Think-Tank events

Introductory educational lecture

Discussions of overarching MTI themes:

- o Creativity, Interdisciplinarity, Science communication, Multidimensional phenomena
- o Encourage new and novel research projects and constellations

Think Tank A: Measurement Concepts & Terminology event:
Berlin (DE) 13th April 2007

Think Tank B: Measurement Systems & Techniques event:
Portoroz (SLO) 27th September 2007

Think Tank C: Measurement Uncertainty event: Rome (IT) 9
- 10th October 2008

Think Tank D: Decision-making & Impact Assessment event:
The Netherlands 13th May 2009 *New!*



CATEGORIES

- o [MINET WP home](#)

LINKS

- o [MINET - Measuring the Impossible Network](#)
- o [MINET - Measuring the Impossible Network - WP3 - Repository](#)
- o [MINET WP3](#)



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<http://lesliependrill.wordpress.com/minet-wp3-think-tanks/>

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<i>Concepts & terminology</i>		Think tank A	



MINET Think Tank A Berlin (DE) 13 April 2007

"Is different formulation of concepts & terminology in the different Mtl fields hindering this development and how can we improve the situation?"

Basic concepts and terminology about measurement in the different fields of Measuring the Impossible:

- (I) What are the necessary basic concepts and terminology?
- (II) Are there different concepts & terminology in the various fields?
- (III) Is it important to harmonise?
- (IV) How can we encourage harmonisation?



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<i>Measuring systems & techniques</i>	Think tank B		



photo: Archive of Hoteli Morje

MINET Think Tank B Portoroz (SLO) 27 September 2007

What are the limitations of different measurement systems and techniques and can there be synergies between them?

- (I) Relationship of constructs and measures
- (II) Generalizability of results and limits of different techniques
- (III) Can different techniques be combined?
- (IV) Examples of research questions that would benefit from multi- or interdisciplinary approach



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<i>Measurement uncertainty</i>	Think tank C		



storyofrome.com

MINET Think Tank C Rome (IT) October 2008

How is measurement uncertainty evaluated in the different Mtl fields?

Evaluation: Typology of uncertainty sources?

Concepts: Relation uncertainty \Leftrightarrow reliability & validity?

Evaluation: Unknown laws – how to calculate U ?

Evaluation: Alternative, non-numerical estimates of U ?



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MINET Think Tank D Wageningen (NL) 13th May 2009

***How can decisions be made based on Perceptual Measurements?
What are the impacts?***



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Wednesday 13th May 2009

09.30 - 09.55 Coffee & registration

10.00 - 10.15 MINET Introduction & Welcome (Berglund, Pendrill)

10.20 - 11.25 Decision-making when Measuring the Impossible - Think Tank discussions in plenum (Berglund, Pendrill)

11.30 - 12.00 Introductory educational lecture (TBD)

12.00 - 13.00 LUNCH



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Wednesday 13th May 2009

- 13.05 - 13.45 Study visit/lecture Wageningen UR – *to be confirmed*
- 14.00 - 15.00 Three break-out discussion groups (preferably mixing: I Generic metrology; II Man as Instrument; III Measuring Man)
- 14.30 COFFEE during break-out discussions
- 15.05 - 15.45 Synthesis of break-out discussions
- 15.45 - 17.00 Conclusions & Initiatives (Pendriil, Berglund)



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