

Introduction

International Workshop
Vehicle Routing in Practice 2008
(VIP'08)

Soria Moria conference center
Oslo, Norway, June 12, 2008

Geir Hasle, SINTEF

VIP'08 – Soria Moria Conference Center

- Built by the Norwegian Medical Association in 1983
- Conferences, tourism

- Soria Moria Declaration 2005
- Political platform for the current Norwegian government
- Coalition of 3 parties

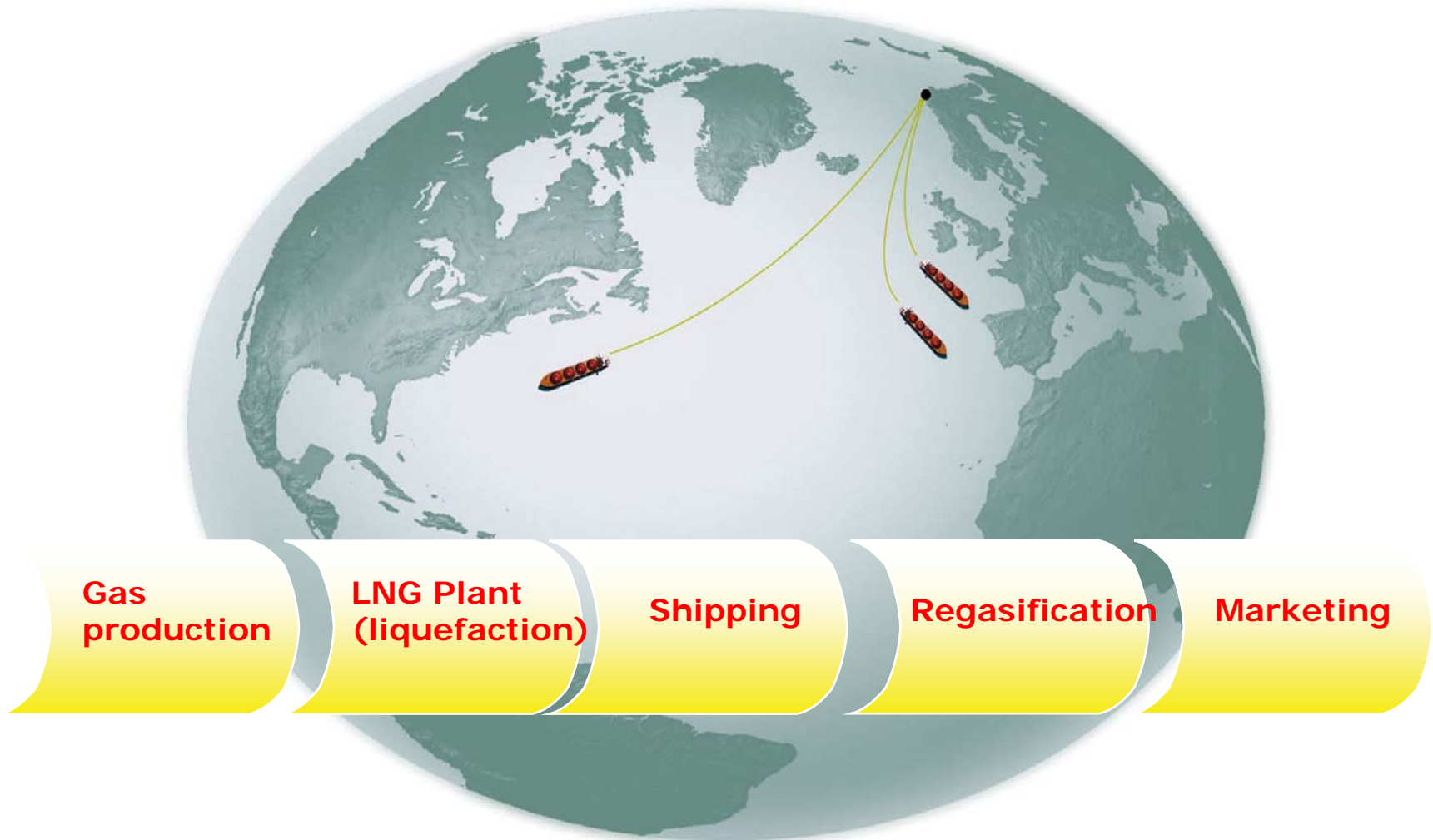
VIP'08 Background

- 13 years of Vehicle Routing at SINTEF
- Applied research
- End user / vendor requirements
- Literature
- Generic solver for Rich VRP model

- Literature industrially relevant?
- What will we be able to solve?

- Large size General VRPs
- Vessel routing
- Inventory routing
- Fleet composition

LNG value chain



VIP'08

- Vehicle Routing in Practice 2008
- Very Interesting Problem
- Very Important Problem
- Very Important Persons

- 28 participants
 - Norway (13), France (5), Belgium (2), Canada (2), Germany (2)
Denmark, GB, Japan, USA
 - Academia (21), CRO (5), Industry (2)
 - Highly reputed senior researchers, younger rising stars
- 25 talks

VIP'08 - Goals

- Present recent results and ongoing work
- Exchange and create ideas for research on the VRP and related problems
- Have fun

- Gathered in Soria Moria
- Informal atmosphere
- Discussions are invited
- Provocative statements and speculative ideas

VIP'08 – Main topics

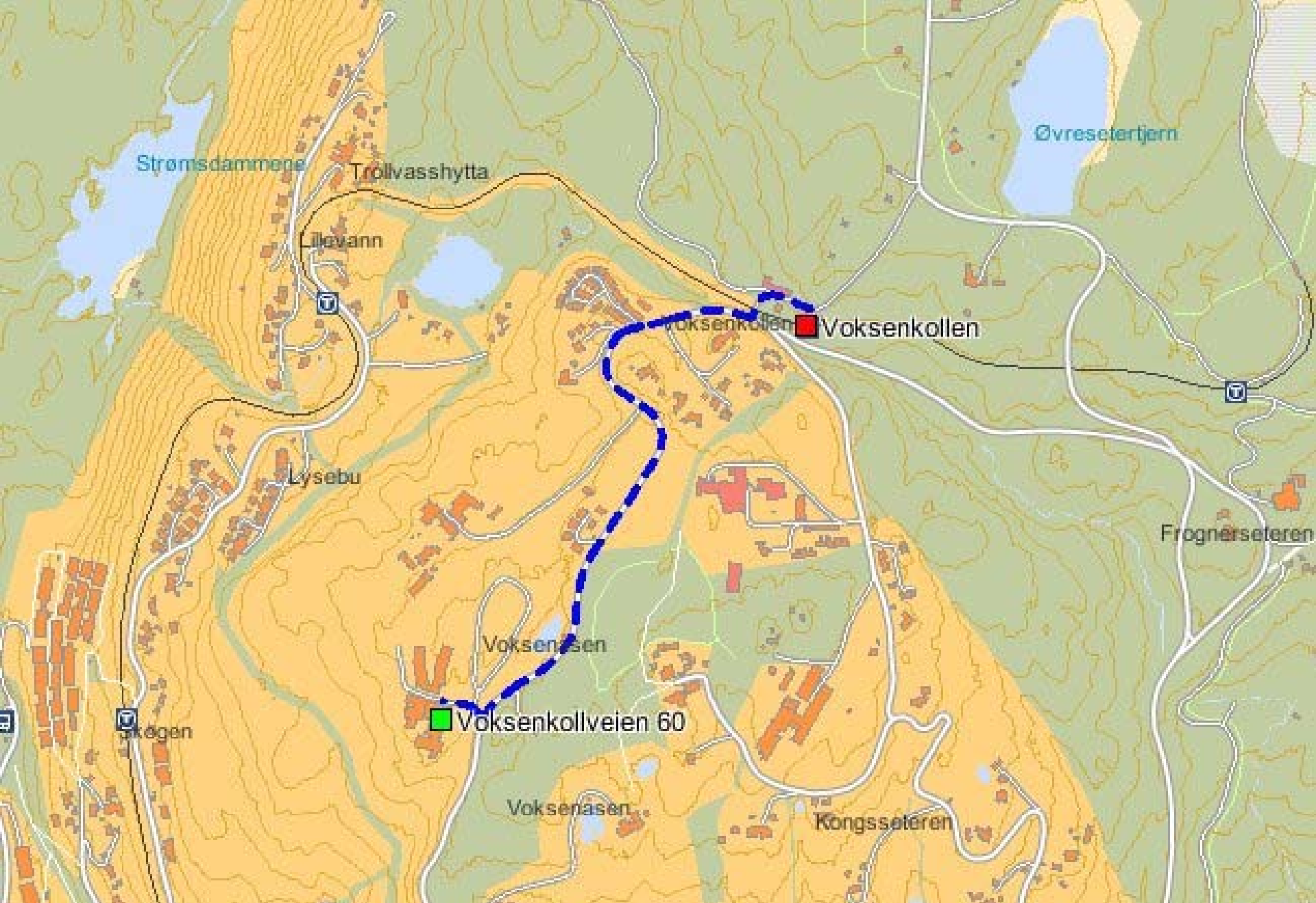
- real-life problems
- decision-support aspects
- new VRP variants
- generic models and solution methods
- large-size instances
- stochastic and dynamic problems
- hybrid methods
- adaptable methods and hyperheuristics
- search limitation
- parallel methods
- multi-level search, collaborative search

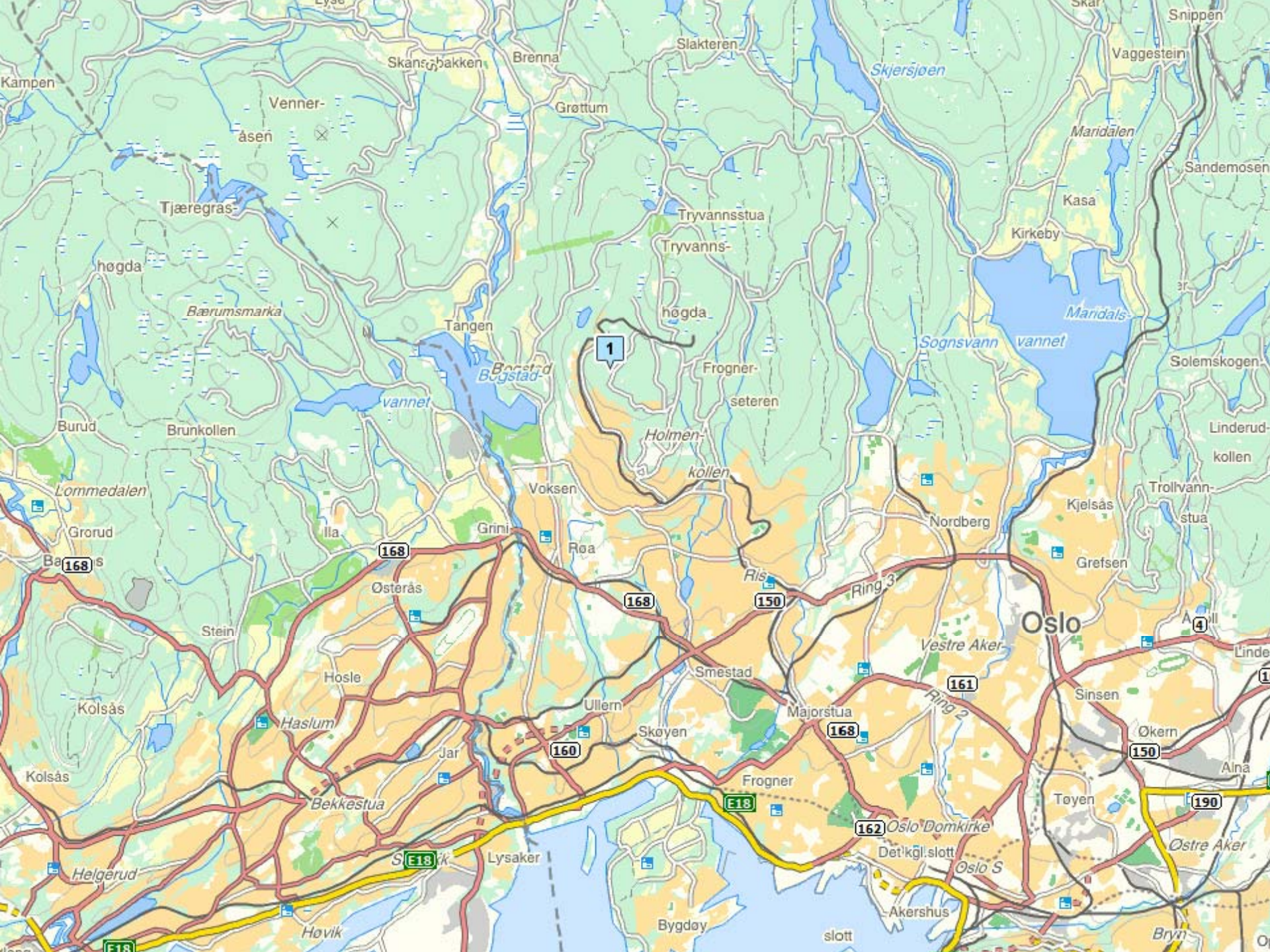
VIP'08 – Key questions

- How industrially relevant is the research conducted in the scientific community?
 - What are the important research directions?
 - How far can we go?
-
- Panel

Practical information

- Check-in 15:00
- Wi-Fi free of charge, card at the front desk
- ATM – The ski jump (09-20), or downtown ...
- Public transportation, incl. subway (T-bane)
 - Single ticket NOK 22, free transfer within 1 hour
 - Daily pass (24 hour free use) NOK 60
 - Flexicard (8 single tickets, NOK 160)
- VIP table in restaurant





Later VIPs?

- Possibly ...
- .. but for sure:



TRISTAN 007
Tromsø - Norway
June 20-25, 2010

TRISTAN VII

- Tromsø, Norway
- June 20-25 2010
- <http://www.tristan7.org/> (soon)
- <http://www.sintef.no/tristan>
- tristan@sintef.no email list
- Subject: Surname, Given name



Program change

0900-1000

0900-0930

0930-1000

1000-1015

1015-1115

1015-1045

1045-1115

1115-1230

1230-1330

Aggregation and Decomposition (Chair: Christian Prins)

Eivind Nilssen

Christian Prins

Checkout/Coffee

Supporting Methods (Chair: Arne Løkketangen)

Oddvar Kloster

Arne Løkketangen

Panel and Closure

Lunch

VIP'08 – Panel questions

1. How industrially relevant is the research conducted in the scientific community?
 2. How far can we go?
 3. What are the promising research avenues?
- New VIPs?