

INTERNATIONAL SCHOOL OF NEW MEDIA AT THE UNIVERSITY OF LÜBECK

### **:: PortNet Navigator**

:: Planning, Navigating and Planning, again



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#### **ISNM**

International School of New Media at the University of Luebeck

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## :: Overview

:: Advanced Planning Tools

Introducing New Technologies

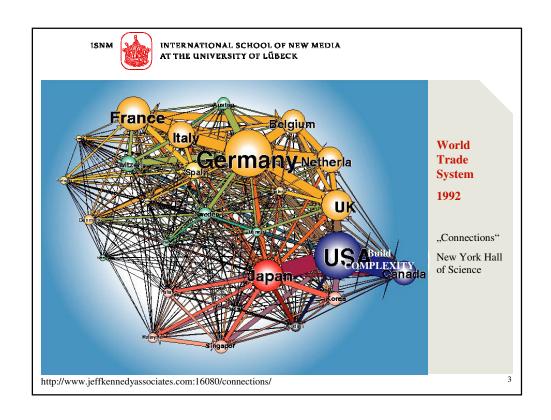
:: PortNet Navigator

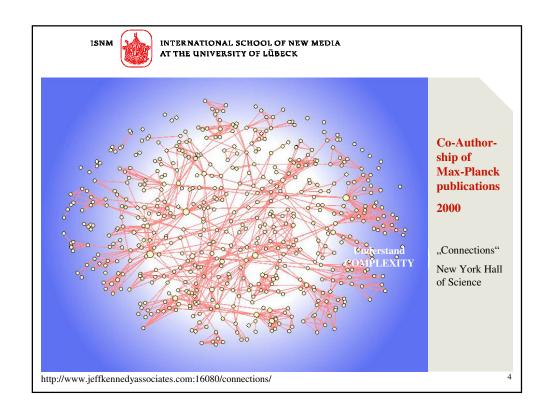
Introducing PortNet Prototype

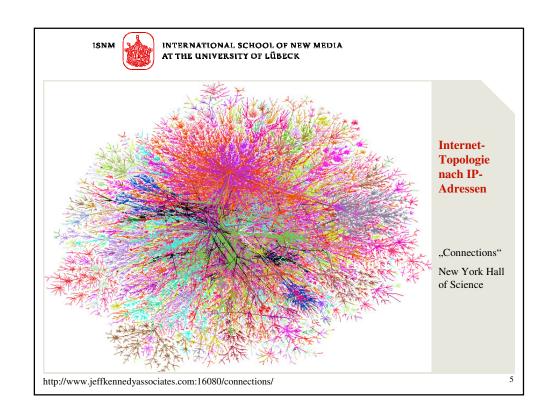
:: Planning for Plans

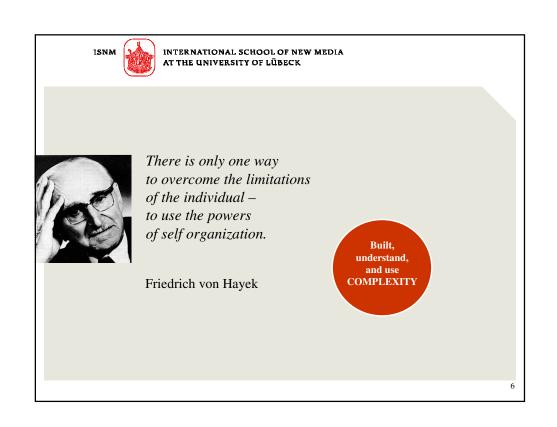
Introducing Questions & Suggestions

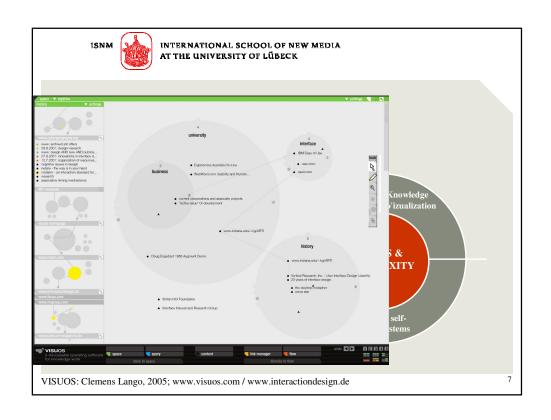
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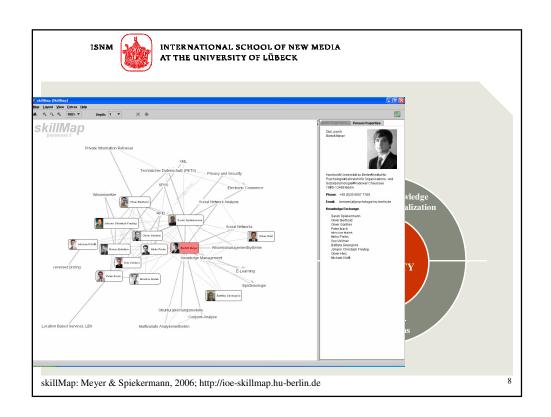


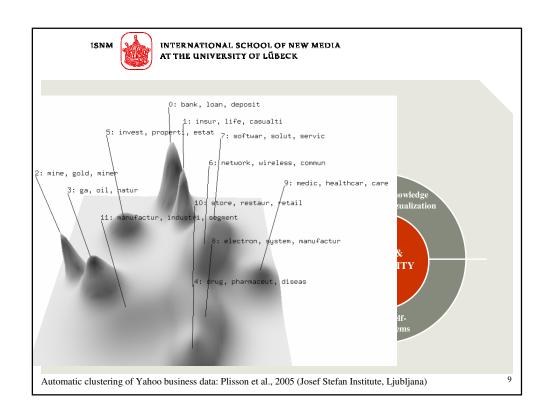


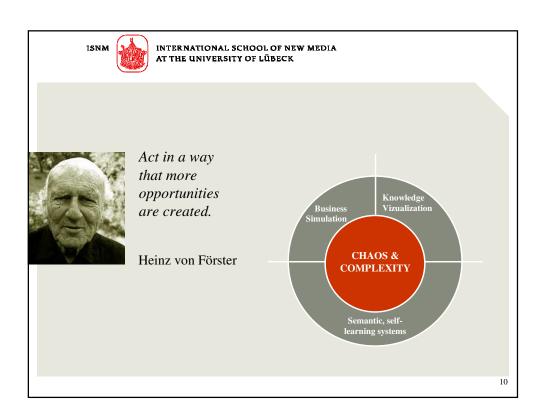


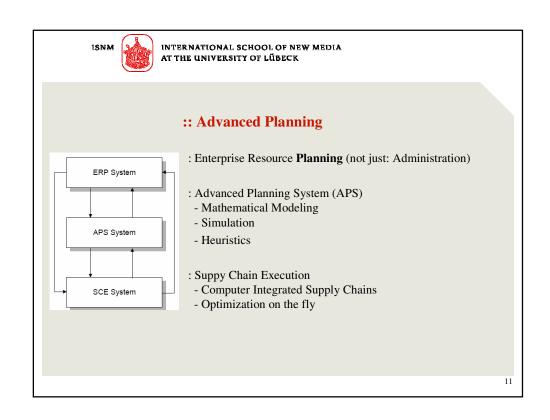


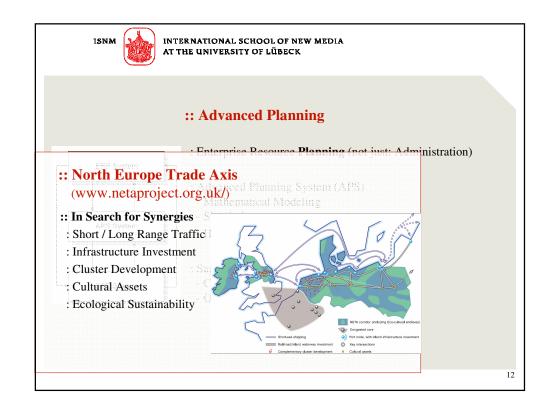


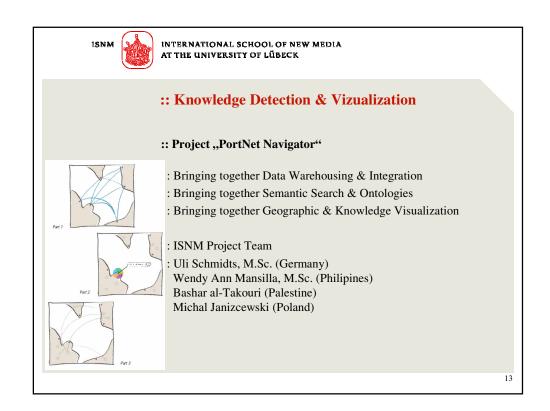


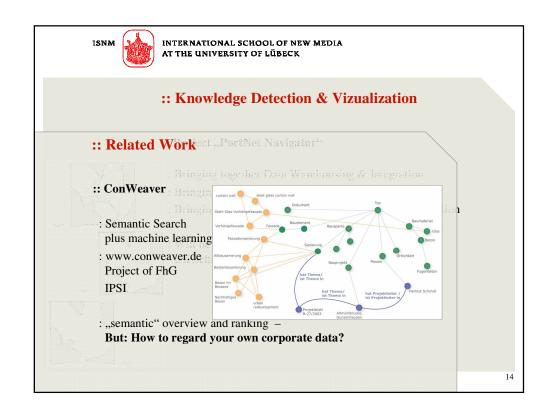


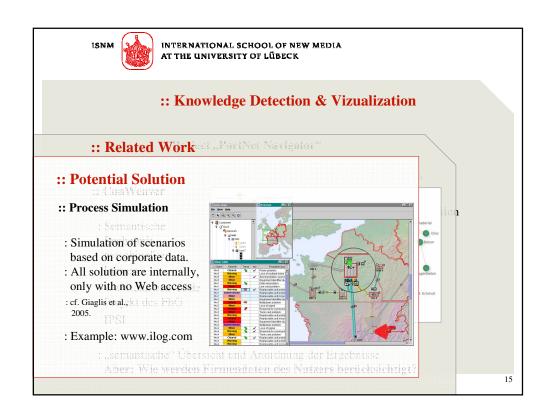


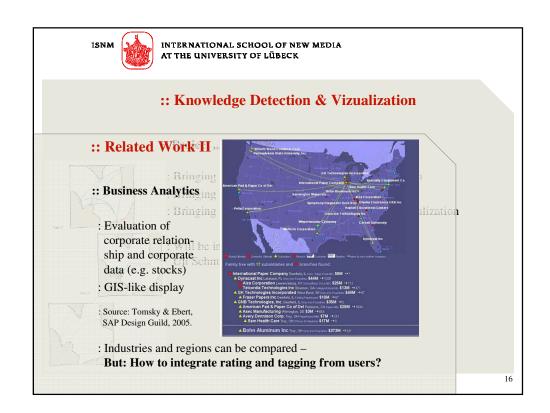


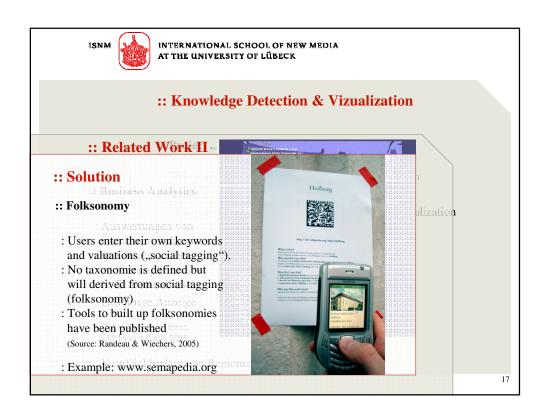


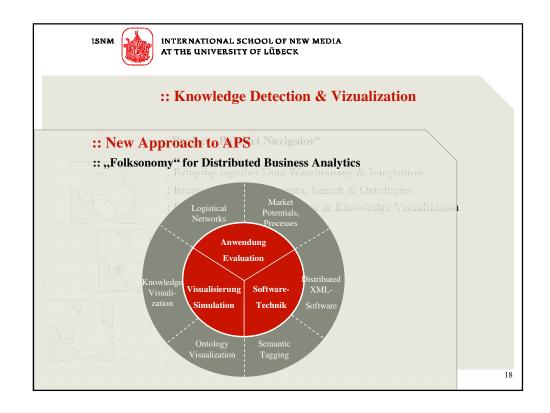




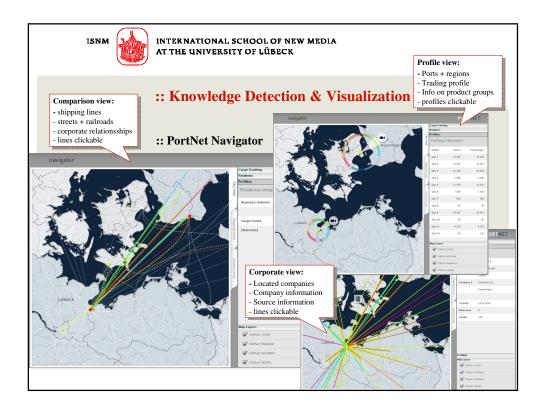


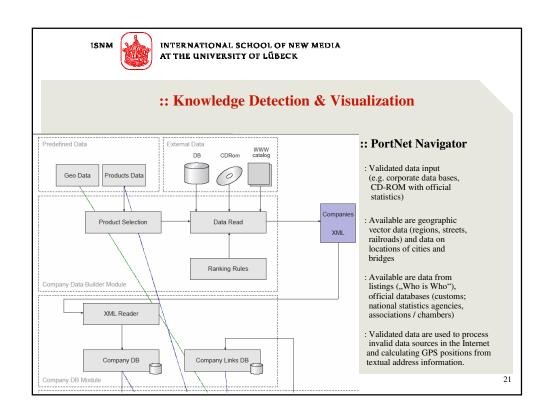


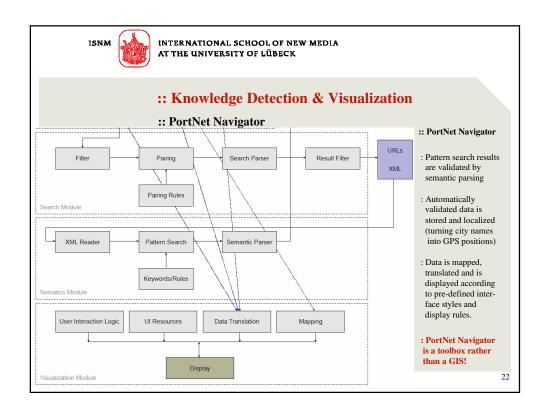
















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Introducing Questions & Suggestions

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#### SNM



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## :: Questions

## :: What will be modeled?

#### COMPARISON OF DIFFERENT SCHEDULING APPROACHES

Attribute	Math Programming	Simulation	Heuristic
Hold Time		X	X
Queue Time		X	X
Customer Service		X	
Forecast Bias		X	
Set-up Cost	X		X
Holding Cost	X		X
Overtime Cost	X		X
Capacity	X		X
Production Lot Size	X		X
Production Sequence	X		X
Customer Due Date	X	X	X
Family Structure	X		

X = Functional

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