



中国科学院自动化研究所

# User Experience Panel Discussion

**Prof. XU Bo**

**Institute of Automation, CAS**

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CASIA

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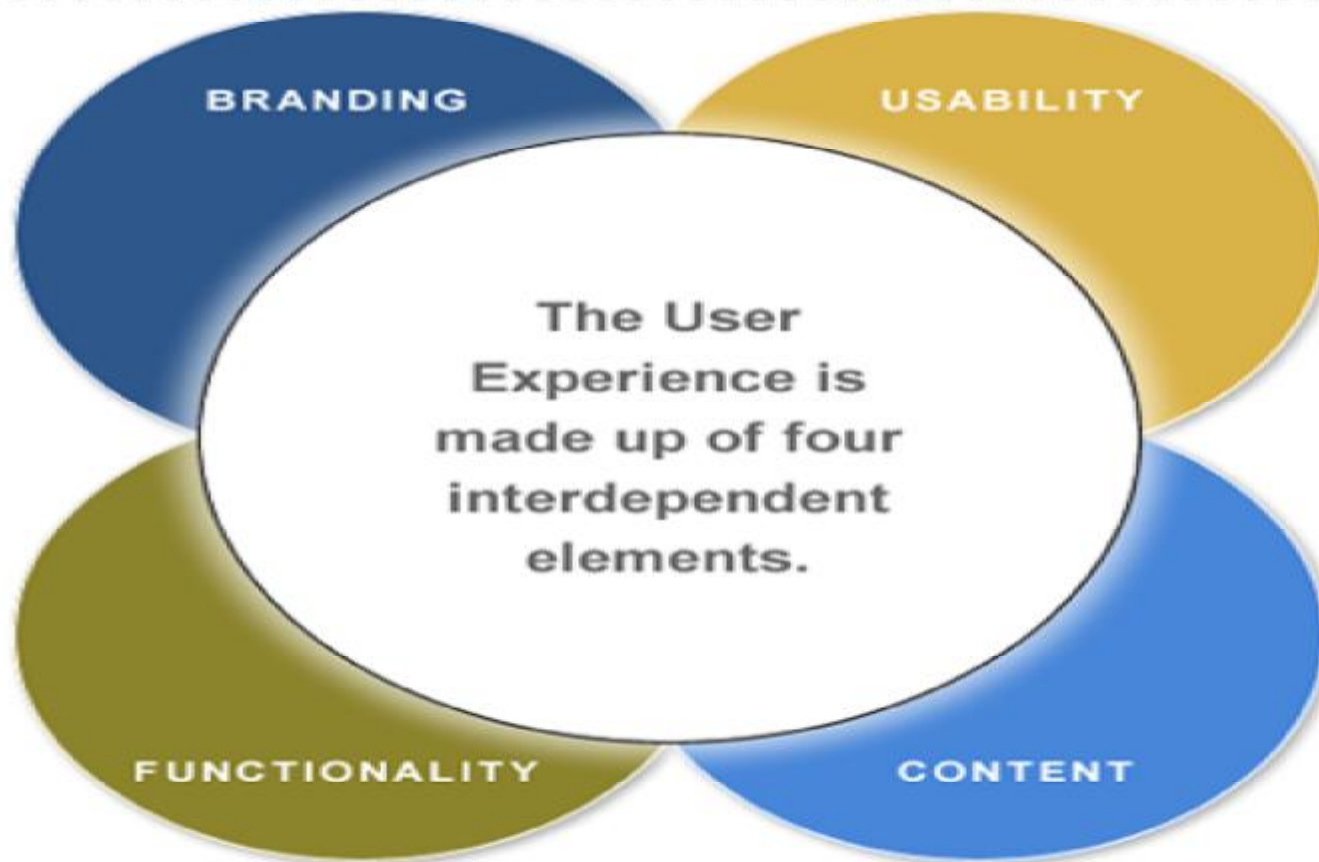
## User Experience— User View

- Interface between human and product (or service). Provide adaptivity, context-sensitivity and more assistance with the task at hand.
- Efficient, Effective and Natural
  - complete task with less work
  - doing right thing at the right time
  - Support multimodal input etc.



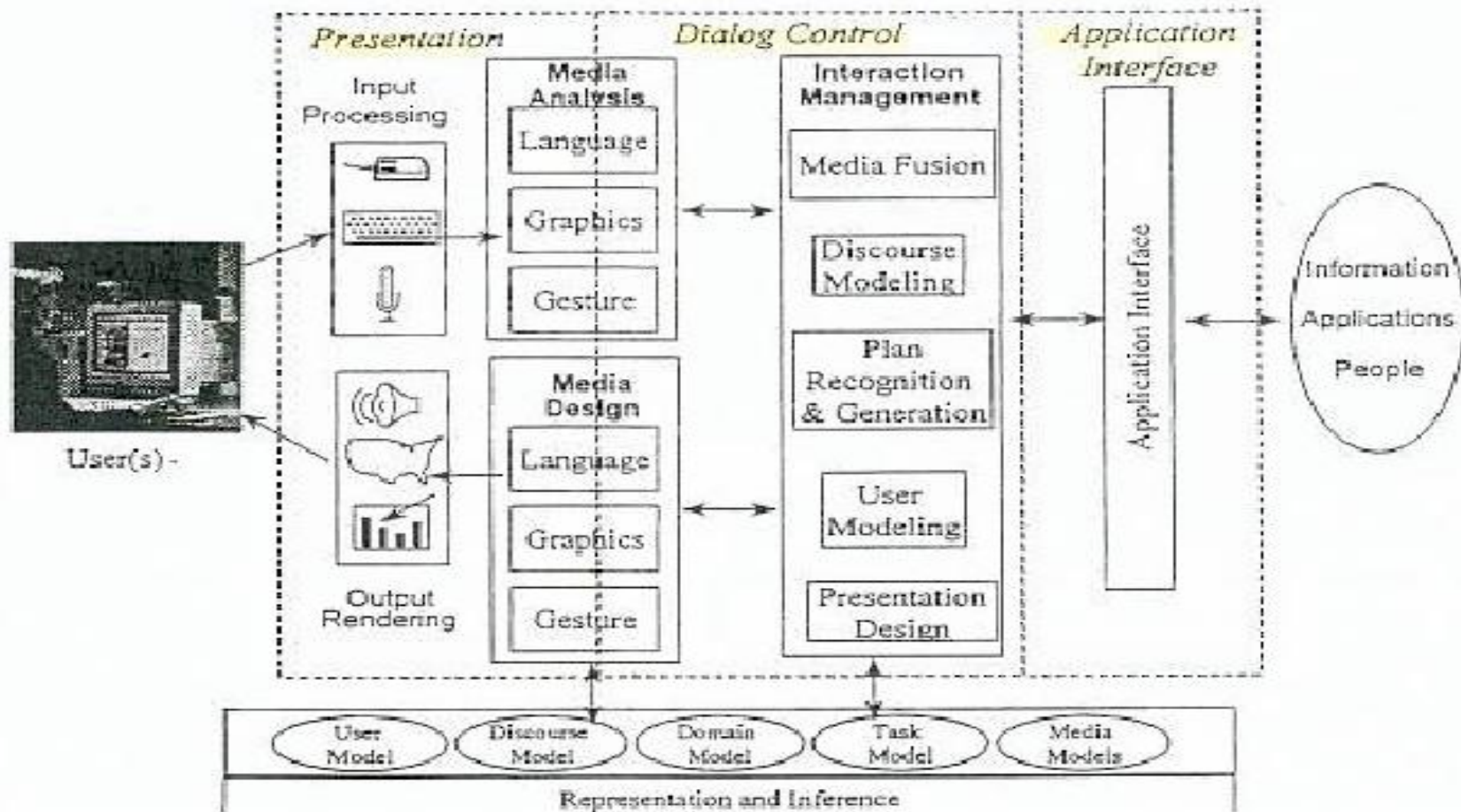
# User Experience—Industry View

## Four Elements of the User Experience





# User Experience-Academic View





## Challenge 1: Adaptivity

- It's difficult to write a software fits millions of user perfectly
- Nobody learns a system completely but use part of system based on shared knowledge
- Model-based is essential: User model, task model, discourse model, domain model etc.



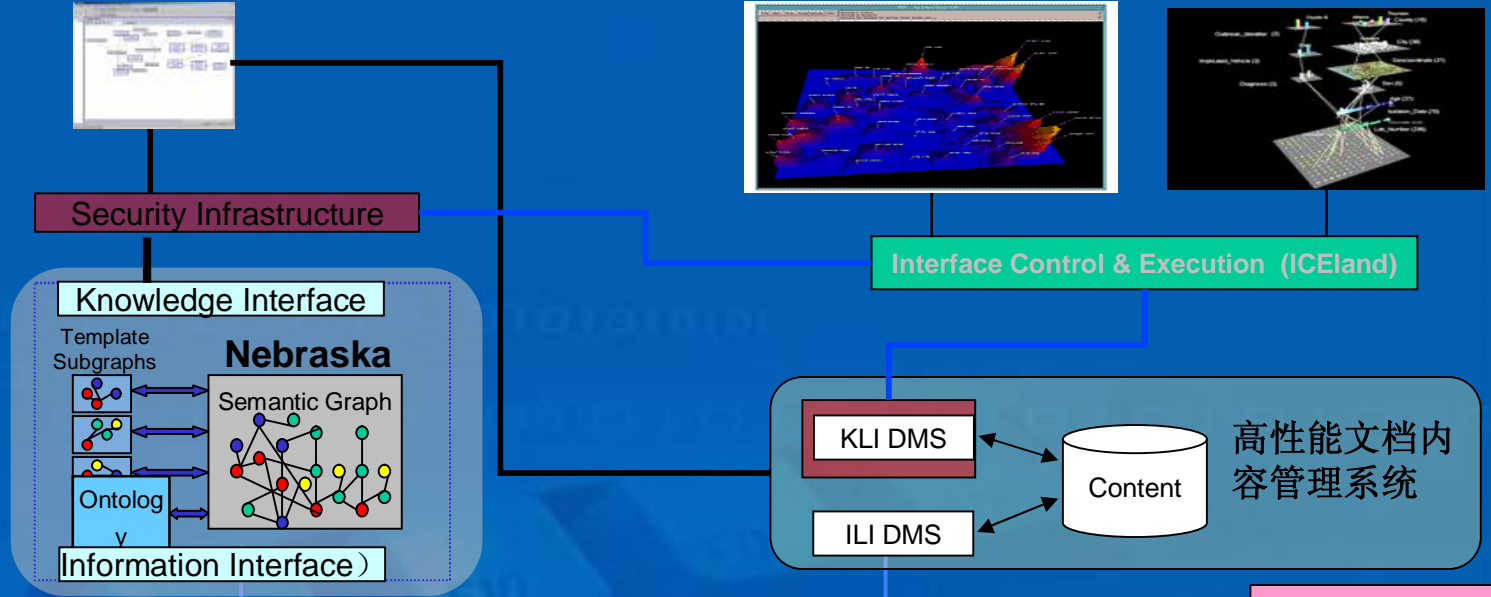
# Challenge2: Scalable Knowledge Management

信息和知识检索

可视化工具1

可视化工具2

以Semantic Graph为核心数据模型层计算



数据特征层处理 (Canonicalizing Loader)



Organizations      Networks      Borders      Sensors

Threat list      Reports

Manual event extraction      Automatic event extraction

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**Thanks!**

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