



UvA in NOVI

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SNE group



SNE – System and Network Engineering research group
in the *Institute for Informatics* of the *University of Amsterdam*.
Close tie to education with a Master in SNE.

~20 people with focus on:

- Programmable photonic networks & virtualization;
- Semantic modeling of network-computing infrastructures;
- Security & privacy;
- Sensor networks;
- Authorization in multi-domain environments.

applied to astronomy (eVLBI/SCARI, CosmoGrid), media (CineGrid),
health (AMC), bio science, environmental planning (ijkdijk,
UrbanFlood).





e-Infrastructures



The common denominator in our research:

**the definition and implementation of the
architectures for e-Infrastructures for e-Science.**

e-Infrastructures for e-Science will integrate Future
Internet solutions in their fabric.





Our interest in NOVI



We were no partners in Federica 😊

We were no partners in OneLab 😊

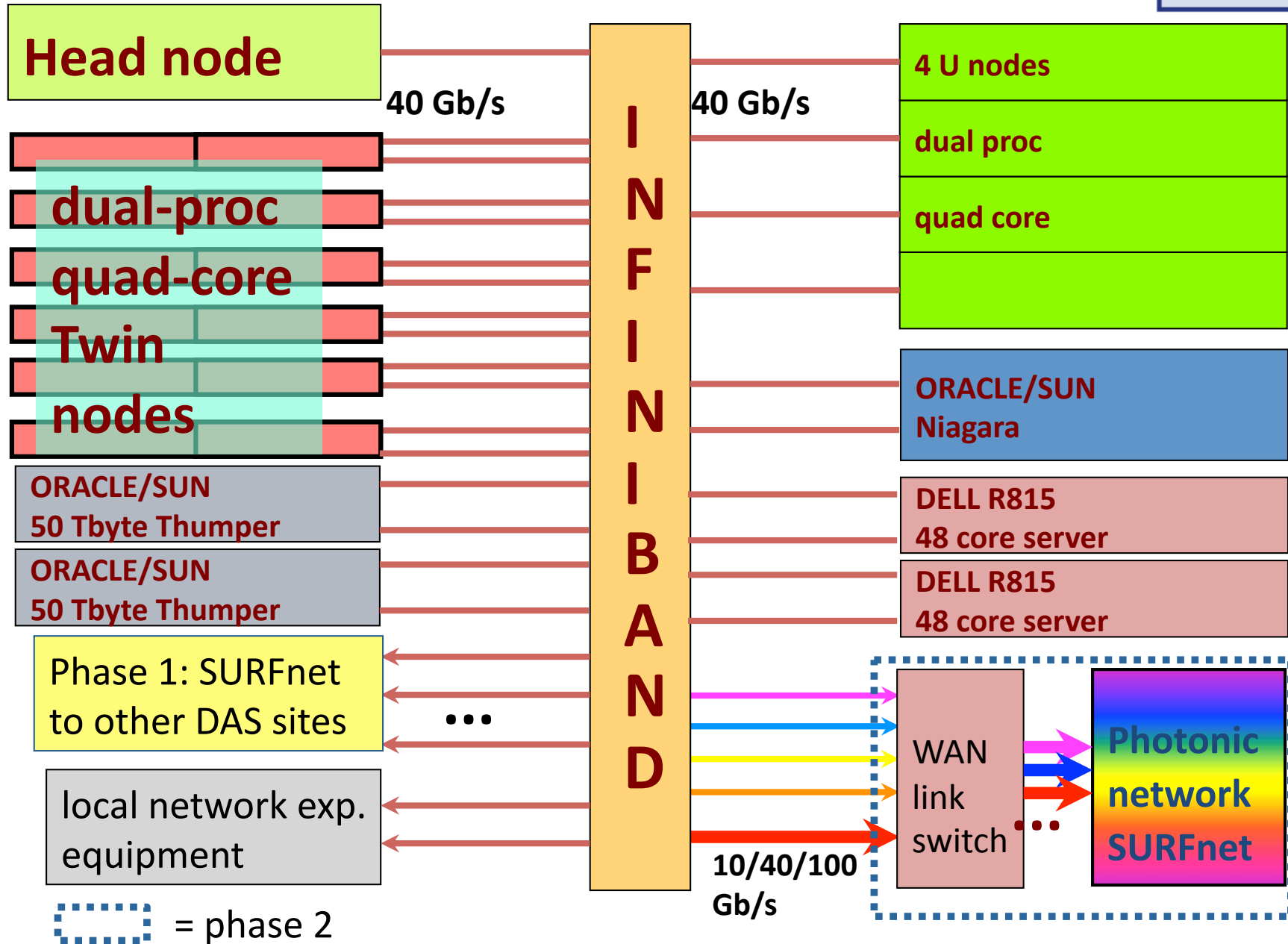
Heterogenous and virtualized resources require a common vocabulary to interoperate.

NOVI looked as (and now IS) the perfect platform to apply and extend our '*semantic modeling*' research in federated and virtualized environments.





UvA testbed





UvA people in NOVI



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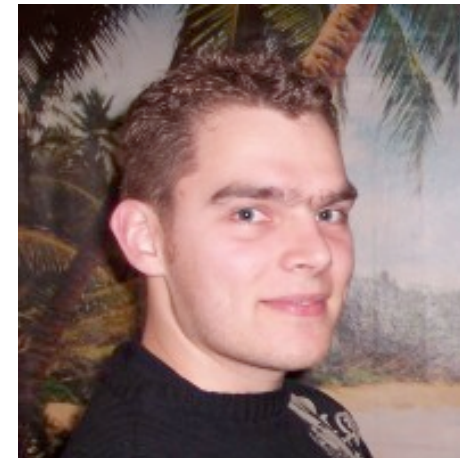
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The only one missing today...



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Q & A



- Time for Questions
- For more info:
 - www.science.uva.nl/research/sne
 - www.science.uva.nl/~grosso
 - www.science.uva.nl/~delaat
 - www.science.uva.nl/~vdham

