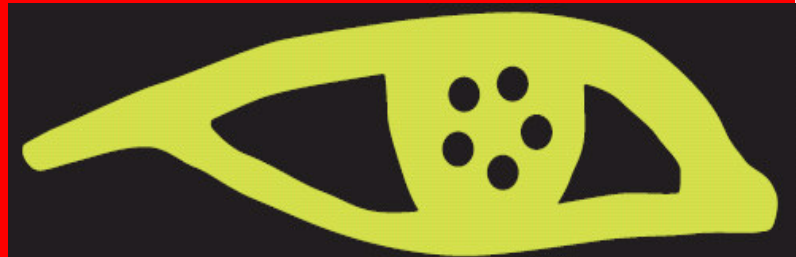


# GLANCE

Research programme on large-scale  
parallel and distributed systems



Netherlands Organisation for Scientific Research





**12,6 M\$** for:

- Reinforcing computer science discipline in the Netherlands
- Creating clusters of expertise
- Contributing to e-science developments

## **i-science**

**computer science research cluster**



**glance** **global computer science**



**view** **visual interactive effective worlds**



**stare** **star e-science**



## GLANCE Research Programme



**glance** **global computer science**

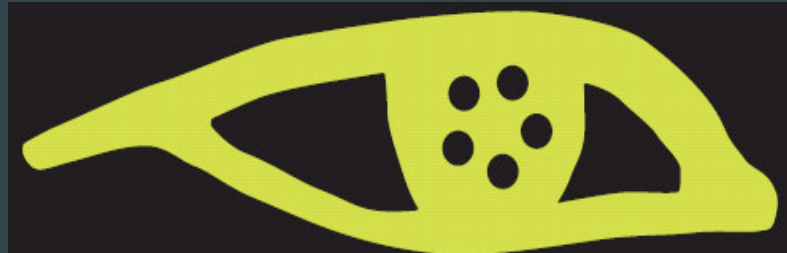
4,8 M\$ for  
fundamental research on large-scale parallel and  
distributed systems

Netherlands Organisation for Scientific Research



*'As of now, computer networks are still in their infancy, but as they grow up and become more sophisticated, we will probably see the spread of "computer utilities", which, like present electric and telephone utilities will service individual homes and offices across the country'*

Leonard Kleinrock, 1969

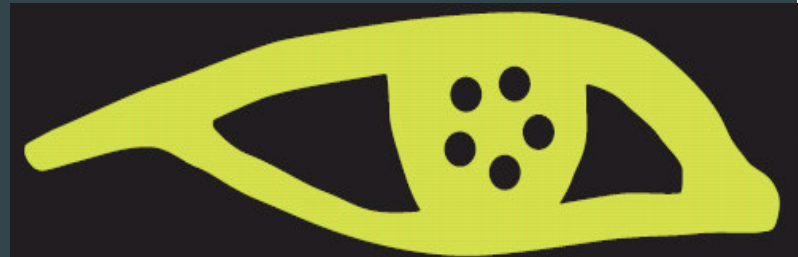




35 years later....

This may still be as true as it was in 1969, for how far away are we still from computing as a utility?

The GLANCE programme is designed to make another step in this direction

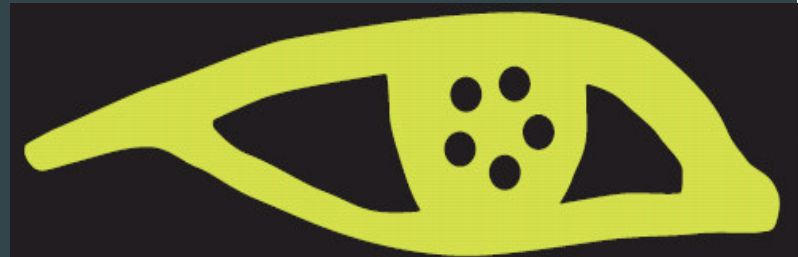




Projects in GLANCE address fundamental research questions in one or more of the following themes:

- Management and analysis
- Data acquisition and data processing
- Autonomous configuration, composition and coordination

The size of the grants is 600.000\$

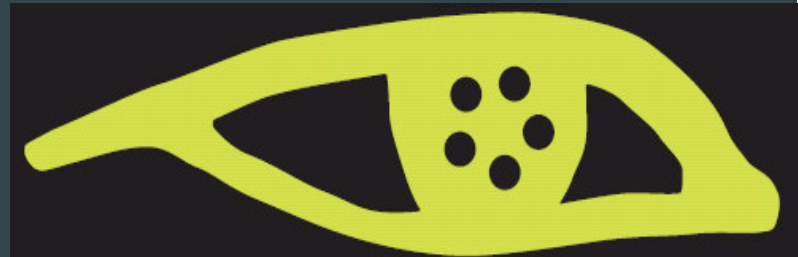




ROBUNET: Robustness of Large Networks

Prof.dr.ir. Piet van Mieghem, TUDelft

[www.nwo.nl/glance/robunet](http://www.nwo.nl/glance/robunet)





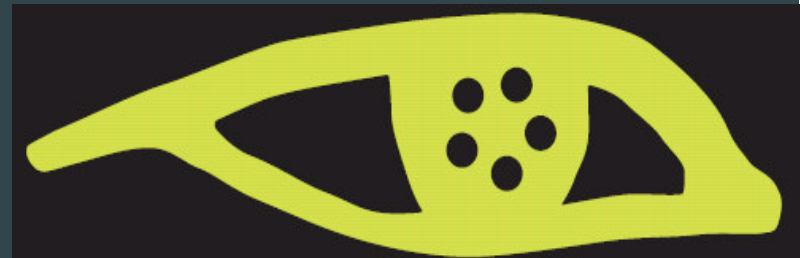
StarPlane: Application-specific management of optical networks

Prof.dr.ir. Henri Bal, VU Amsterdam

Dr. ir. Herbert Bos, VU Amsterdam

Dr. ir. Cees de Laat, UvA Amsterdam

[www.starplane.org](http://www.starplane.org)





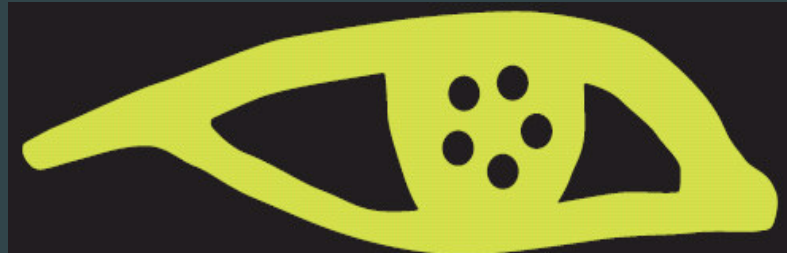
COOPER: Coordination with performance guarantees

Prof. dr. Farhad Arbab

Prof. dr. Rob van der Mei

CWI Amsterdam

[www.nwo.nl/glance/cooper](http://www.nwo.nl/glance/cooper)

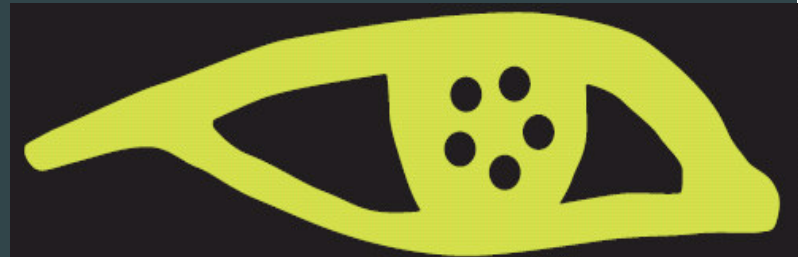




**MICROGRIDS:** Foundations for massively parallel on-chip architectures using microthreading

Prof. dr. Chris Jesshope  
Prof. dr. Jan Bergstra  
Prof. dr. Paul Klint  
UvA Amsterdam

[www.nwo.nl/glance/microgrids](http://www.nwo.nl/glance/microgrids)





In 2006 four new projects will be granted!

For more information on GLANCE.....

- Take a look at our stand in the Dutch booth!
- See our website [www.nwo.nl/glance](http://www.nwo.nl/glance)

