



Universiteit Leiden

## Certificate

We declare that

*Alesia Zuccala*

*Rathenau Instituut, The Hague, Netherlands*

has participated successfully in the Graduate Course

*'Measuring Science: Assessment of Research Performance and  
Discovery of Patterns of Scientific and Technological  
development'*

organized by the Centre for Science and Technology Studies  
(CWTS), Leiden University, Leiden, Netherlands, October 16-20,  
2006.

Leiden, October 20, 2006

A blue ink signature of Prof. Anthony F.J. van Raan, written in a cursive style.

Prof. Anthony F.J. van Raan  
Director CWTS