

GAUSS IN MÜNSTER

Mathematics Helping Art Conservation

Baroness Prof. Dr. Ingrid Daubechies
Duke University, USA

26. öffentliche Gauß-Vorlesung
der Deutschen Mathematiker-Vereinigung

24.10.2015 > Programm ab 15.15 Uhr

Festsaal des Erbdrostenhofs zu Münster
Salzstraße 38, 48143 Münster

PROGRAMM

Eröffnung durch den Vizepräsidenten der DMV
Prof. Dr. Michael Röckner

Begrüßung durch die Rektorin der WWU Münster
Prof. Dr. Ursula Nelles

Tanzende Oktaeder
Dr. Christoph Pöppe (Spektrum der Wissenschaften)

Einführung
Prof. Dr. Wolfgang Dahmen, RWTH Aachen

Gauß-Vorlesung:
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Empfang
Mit musikalischer Umrahmung

Weitere Informationen unter
dmv.mathematik.de/aktivitaeten



Ingrid Daubechies, the first female full professor of mathematics at Princeton University and the first woman to receive the National Academy of Sciences Award in Mathematics in 2000, is best known for her breakthroughs in wavelet research. Her work has a remarkable impact, not only in applied and computational analysis but also across engineering and the sciences. Applications range from fMRI and geophysics to paleontology and the study of fine art paintings.

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In her lecture Ingrid Daubechies will review a few instances in which algorithms involving image processing and machine learning are helping art conservators and art historians in their work on 14th and early 15th century European paintings on wood panels, such as the Ghent altarpiece by Van Eyck or several altarpieces in the collection of the North Carolina Museum of Art.



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