

Ingrid Daubechies Receives NAS Award in Mathematics

INGRID DAUBECHIES has received the 2000 National Academy of Sciences (NAS) Award in Mathematics. The \$5,000 award, established by the AMS in commemoration of its centennial in 1988, is presented every four years for excellence in published mathematical research. Daubechies was chosen “for fundamental discoveries on wavelets and wavelet expansions and for her role in making wavelet methods a practical basic tool of applied mathematics.”

Ingrid Daubechies received both her bachelor’s and Ph.D. degrees (in 1975 and 1980) from the Free University in Brussels, Belgium. She held a research position at the Free University until 1987. From 1987 to 1994 she was a member of the technical staff at AT&T Bell Laboratories, during which time she took leaves to spend six months (in 1990) at the University of Michigan and two years (1991–93) at Rutgers University. She is now a professor in the Mathematics Department and in the Program in Applied and Computational Mathematics at Princeton University. Her research interests focus on the mathematical aspects of time-frequency analysis, in particular wavelets, as well as applications.

In 1993 Daubechies was elected as a member of the American Academy of Arts and Sciences, and in 1998 she was elected as a member of the NAS and as a fellow of the Institute of Electrical and Electronics Engineers. The AMS awarded her the 1994 Steele Prize for mathematical exposition for her book *Ten Lectures on Wavelets* (Society for Industrial and Applied Mathematics, 1992), as

well as the 1997 Ruth Lyttle Satter Prize. From 1992 to 1997 she was a fellow of the John D. and Catherine T. MacArthur Foundation.

The previous recipients of the NAS Award in Mathematics are Robert P. Langlands (1988), Robert D. MacPherson (1992), and Andrew J. Wiles (1996).

—Allyn Jackson



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