Department of Mathematics

Pacific Institute *for the* Mathematical Sciences

2015 Niven Lecture

May 25, 2015
1:15 pm

Math. Annex, room 1100
1986 Mathematics Road
The University of British Columbia

SPEAKER: **Ingrid Daubechies** (Duke University)

Surfing With Wavelets

Wavelets provide a mathematical tool that emerged in the 1980s from a synthesis of ideas in mathematics, physics, computer science and engineering. They are now used in a wide range of mathematical applications, and provide a mathematical way to "zoom in" on details, without losing track of the large picture. The talk will describe some of the essential features of the approach, and illustrate with examples.

FOR MORE INFORMATION VISIT:
WWW.PIMS.MATH.CA/SCIENTIFIC-EVENT/150525-NLID

ABOUT THE NIVEN LECTURES

Ivan Niven was a famous number theorist and expositor; his textbooks won numerous awards, have been translated into many languages and are widely used to this day. Niven was born in Vancouver in 1915, earned his Bachelor's and Master's degrees at UBC in 1934 and 1936 and his Ph.D. at the University of Chicago in 1938. He was a faculty member at the University of Oregon from 1947 until his retirement in 1982. The annual Niven Lecture Series, held at UBC since 2005, is funded in part through a generous bequest from Ivan and Betty Niven to the UBC Mathematics Department.