

A scanning electron micrograph (SEM) showing numerous GaAs nanowires grown on a silicon surface. The nanowires are thin, elongated, and hang vertically, resembling icicles. They vary in length and thickness, with some showing small dark spots (Au-particles) along their length. The background is a light, textured surface.

Warmest wishes  
for a happy holiday season  
and a wonderful new year  
from the Centre  
for Nanoscience  
at Lund University

*“On a dark December day, in the midst of crystal growth,  
the Christmas spirit was settling even on the nanoscale  
See, the freezing Gallium and Arsenic atoms have formed  
icicle-like structures dangling from a Silicon roof!”*



**NanoLund**  
CENTRE FOR NANOSCIENCE

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In-situ grown  
GaAs nanowires  
assisted by  
Au-particles  
of 4–15 nm in  
diameter on a  
Silicon surface.  
Picture & poem:  
Marcus Tomberg