The year 2016 saw the arrival of Søren Galatius and Dan Petersen as new permanent faculty, Galatius with a ERC Consolidator Grant in tow. New theorems, lectures around the world, and even an installation with cupcakes in a Sierpinski triangle, made for a memorable year.

**ACTIVITIES.** The center hosted 2 conferences, 2 masterclasses, and 162 individual visitors. The Uffe Haagerup memorial symposium in June for close friends and collaborators had a participant list that read like a who’s who in the world of operator algebras. At the biannual YTM in July, keynote speakers Mathew, Randal-Williams, and Wahl lectured for 180 junior researchers. Activity outside UCPH was also high, with center members organizing 2 conferences, 5 workshops, and the spring program on operator algebras at Institute Mittag-Leffler. With a 104 invited talks around the world, including 7 research lecture series, such as the esteemed DeLong Lectures at Boulder by Musat, our research reached a large international audience.

**RESEARCH.** Several well-known conjectures turned to theorems: Grodal answered the Carlson–Thévenaz conjecture in the positive, by giving a simple homotopical description of the unknown part of the group of endo-trivial modules. And Szymik and Wahl answered a 25 years old question of Ken Brown in the positive by showing that Thompson’s group $V$ has no homology, a consequence of a more general calculation for Higman–Thompson groups. We had 6 papers accepted to our top-10 journals. The description of the spectrum of the equivariant stable homotopy category by Balmer–Sanders was accepted to the top-3 journal *Invent. Math.* The paper by Alm–Petersen highlighted last year went to *Ann. Sci. École Norm. Supér.*; two papers by Cantero–Randal-Williams and Petersen got accepted in *Geom. Top.* and two by Patchkoria and Degrijse in *Adv. Math.* Our overall output numbers were also solid, with 35 published papers and 45 additions to our preprint series CPH-SYM-DNRF92 on arXiv.org, with 9 postdocs and 14 PhD students at the center.

**EDUCATION AND OUTREACH.** We had a strong output of 13 MS graduates, with 4 continuing in PhD programs. Our dedication to teaching was extended to the BS program where we redesigned the first-year linear algebra course. We also embarked on the production of teaching material, in the form of a new linear algebra book and a textbook on experimental mathematics to be published by CUP. Our outreach activities also broke new ground with expository articles in the 530th issue of UCPH’s traditional almanac and as a cover story in *Amer. Math. Monthly.*

Please visit sym.math.ku.dk for more information.