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Institution: Aarhus University  
Title: The golden age of asteroseismology  
Type: Invited Talk  
Session: Asteroseismology  
Abstract: In the past four years we have experienced a revolution in the way we observe stars thanks to the huge amount of high quality nearly continuous time series data obtained by the NASA Kepler mission. The Kepler data (more than 100.000 stars observed) provide unique information on stellar properties such as rotation, convection and core fusion processes. I will in the present talk describe some of the most exciting results from Kepler concerning asteroseismology and I will describe the future prospects of space time series photometry which will be possible with the launch of TESS in 2017.