



**NorSAC 2016 (Northern Science Achievement Colloquium)**  
**ATOM SMASHERS AND CANCER THERAPY TOOLS**  
**NORTHERN CONTRIBUTIONS –Past-Present-Future**

**6 DECEMBER (Kollegie Room, Museclass 1, UiB)**

15.00-16.00: BHAG Meeting (Closed)

16.00-16.45: BHAG Topical Talk (Open): ‘Post-normal approach – illustrated by energy and sustainability’, Prof. J. vd Sluijs, SVT UiB

Discussion/Coffee

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**17.30-20.00: NorSAC 2016(1) Odd Dahl Session:** Chair - AE President Sierd Cloetingh.  
(Dedicated to the memory of radiation therapy pioneer professor (UiO) Tor Brustad)

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17.30-18.00: Historic overview influenced by a Bergen perspective – the future Van de Graaff /Betatron (Dahl/Enge/Widerøe) museum: (HubAcaDir Jan S. Vaagen)

18.00-18.25: Hadron Therapy development in Norden. Perspective of a physicist.  
(Prof. Dieter Röhrich, IFT, UiB, MAE)

18.25-18.50: Hadron Therapy development in Norden. Perspective of a radiation oncologist.  
(Prof. Olav Mella, Haukeland, UiB)

18.50-19.15: Questions & Discussion & Coffee, chaired by Rector UiB Prof. Dag Rune Olsen (MAE)

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19.15-20.00: Rolf Widerøe – a Nordic and International Pioneer.

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19.15-20.00: Achievements during a long life and times ‘a-changing’  
(Author and filmproducer Aashild Sørheim)

**7 DECEMBER (Bjørn Trumpy’s House, Aud.B, IFT,UiB)**

09.00-11.45: NorSAC 2016(2) Rolf Widerøe Session: Chair – AE Pres. S. Cloetingh

09.00-10.00: Film - Widerøe Film ‘Two brothers’ (in Norwegian/English?) by Aashild Sørheim based on her recent book ‘Besatt av en Drøm’ (Driven by a Dream), ‘Historien om Rolf Widerøe’

10.00-10.15 - Coffee

10.15-11.45: Interplay between Physical and Biological sciences, driving forces. Case studies.

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10.15-10.45: Relations between Physics and Biology in Hevesy’s Radioisotope Research (Assoc.Prof. Karin Tybjerg, Faculty of Health Sciences, Univ. Copenhagen. Medical Museion)

10.45-11.25: European experience – Institutional collaboration  
Enlight-CERN Hadron Therapy (Speaker tbc)

11.25-11.45: Closing Remarks by Organizer and Chair (Cloetingh)