


## Personal Profile (Lecturer)

**Lecture ID :** 1-4 .3-3  
**Lecture Title :** Safety & Transient performance of ESBWR based on TRACG analysis  
BWR Thermal-hydraulics

<b>1. Name</b> (First/middle/Family)	<b>Jens / G. Munthe /Andersen</b>	
<b>2. Current position/Affiliation</b>	Chief Consulting Engineer – Thermal Hydraulics GE Hitachi Nuclear Energy	
<b>3. Highest Education</b> (Name of Institution/ Major field of study/ Degree and Date received)	Technical University of Denmark (Lyngby Denmark) / Nuclear Engineering / Ph. D. in 1973	
<b>4. Work History</b> (Employer / Work period)	<ul style="list-style-type: none"> <li>· Risø National Laboratory (Roskilde, Denmark) 1971-1978</li> <li>· GE Nuclear Energy 1978-1999</li> <li>· Global Nuclear Fuel 2000-2008</li> <li>· GE Hitachi Nuclear Energy 2008-present</li> </ul>	
<b>5. Professional Experience</b> (Major experience relevant to the “Lecture” and period)	<ul style="list-style-type: none"> <li>· Developed thermal hydraulic methods and computer programs for design and safety analyses for boiling water reactors (BWR). This includes steady-state thermal hydraulics, reactor transients, stability, loss of coolant accident, and anticipated transients without scram analyses.</li> <li>· Supported the design and licensing of advanced boiling water reactor designs including ABWR and ESBWR</li> <li>· Developed statistical based BWR licensing methodologies based on best estimate methods and quantification model and plant parameter uncertainties.</li> <li>· Developed steady state and transient subchannel analysis methods for BWR fuel bundles.</li> </ul>	