

### SPEAKER / PRESENTATION INFORMATION

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<b>Biography</b>	<ul style="list-style-type: none"> <li>• Presently Senior Scientific Advisor at CEA, ANL, and INL</li> <li>• Policy Director of the Generation-IV International Forum</li> <li>• Leader of International Expert Groups and Projects in various areas of nuclear data for applications.</li> </ul>		
<b>Title</b>	<i>Use of Covariance Data for Reactor Applications</i>		
<b>Abstract</b>	<p>Nuclear data uncertainties still have a significant impact on the assessment of the performances of most innovative nuclear systems, in particular on their waste transmutation potential and on their associated fuel cycle characteristics. The paper will give an overview of recent applications of covariance data and general sensitivity analysis tools to the assessment of integral parameters uncertainties and derived nuclear data target accuracy requirements. Indications will be given on the possible strategies to meet these requirements.</p>		