



Forum for Engineering Structural Integrity

FREE VIRTUAL SEMINAR

LATEST DEVELOPMENTS IN LEAK-BEFORE-BREAK

NOVEMBER 10–11, 2021

PROGRAMME

DAY 1: WEDNESDAY, NOVEMBER 10, 2021

13:00	Welcome and Introduction	John Sharples, JACOBS, UK
13:15	ATLAS+ best practice LbB document	John Sharples/Peter Gill, JACOBS, UK
13:50	ATLAS+ modelling of LbB aspects to assess influence of real safety factors	Francesco Brigante, NRG, NETHERLANDS
14:25	Break	
14:35	ATLAS+ influence of repair methodology by weld-overlay in the verification of LbB criteria	Carlos Cueto-Felgueroso Garcia, TECNATOM, SPAIN
15:10	ATLAS+ probabilistic aspects	Peter Dillstrom, KIWA, SWEDEN
15:45	LbB software requirements	Peter Gill/Brian Daniels, JACOBS, UK
16:20	End of Day 1	

DAY 2: THURSDAY, NOVEMBER 11, 2021

13:00	Introduction	Peter Gill, JACOBS, UK
13:05	CSNI/WGIAGE LbB benchmark	Robert Tregoning, NRC, USA
13:40	CSNI/WGIAGE leak rate benchmark	Klaus Heckmann, GRS, GERMANY
14:15	ATLAS+ leak rate round robin	Paul Williams/Richard Bass, OAK RIDGE CONSULTING INTERNATIONAL INC., USA
14:50	Break	
15:00	Challenges in LBB (covering conservatism, importance of secondary stresses and net-section collapse)	Gery Wilkowski, ENGINEERING MECHANICS CORPORATION OF COLUMBUS, USA
15:40	General discussion (e.g. further required developments, potential European roadmap for LBB, regulatory aspects, life extension, new plants, etc.)	All
16:10	End of Day 2/Close	