

Aerospace Engineering Faculty
Summer School 19-21/06/2019
Fatigue & Failure Analysis of Composite Structures
Understanding the fundamentals



	19/06/19		20/06/19		21/06/19
TIME	Lecture room C	TIME	Lecture room C	TIME	Lecture room C
08:45-09:00	Welcome by Dr.Dimitrios Zarouchas				
9:00-10:45	Failure Analysis of Composites I Lecturer: Prof.dr.Pedro Camanho	9:00-10:45	Introduction to Fatigue Lecturers: Dr.Anastasios P. Vassilopoulos & Dr.ir.René Alderliesten	9:00-10:45	Fatigue Fracture Analysis Lecturer: Dr.ir.René Alderliesten
10:45-11:15	Coffee Break	10:45-11:15	Coffee Break	10:45-11:15	Coffee Break
11:15-12:00	Failure Analysis of Composites II Lecturer: Prof.dr.Pedro Camanho	11:15-13:00	Fatigue Testing Practices Lecturer: Prof.dr.ir.Wim Van Paepegem	11:15-12:00	Numerical Fatigue Crack Growth Analysis Lecturer: Dr.ir.Frans van der Meer
12:00-13:00	Lunch - Meet your lecturers	13:00-14:00	Lunch - Meet your lecturers	12:00-13:00	Lunch - Meet your lecturers
13:00-15:30	Workshop Facilitators: Dr.Calvin Rans & Dr.Sofia Teixeira De Freitas	14:00-15:45	Fatigue Modelling & Life Prediction Methods Lecturer: Dr.Anastasios P. Vassilopoulos	13:00-14:45	In-Situ Fatigue Monitoring Techniques Lecturer: Dr.Theodoros Loutas
15:30-16:00	Coffee Break	15:45-16:00	Coffee Break	14:45-15:00	Coffee Break
16:00-17:45	Computational Techniques for Failure Analysis Lecturer: Dr.ir.Frans van der Meer	16:00-17:45	Progressive Fatigue Damage Analysis Lecturer: Prof.dr.ir.Wim Van Paepegem	15:00-17:00	Workshop Facilitators: Dr.Calvin Rans, Dr.Sofia Teixeira De Freitas & Dr.Theodoros Loutas
				17:00-17:30	Closure by Dr.Dimitrios Zarouchas
		18:00-21:30	Social Event - TU Delft Campus		