

# GENIORS

GEN IV integrated oxide fuels recycling strategies

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## FIRST PROJECT MEETING

### PRAHA, CZ

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Author(s): Andreas GEIST (KIT)

Version: 1 issued on 15 Nov 2017

#### WORKSHOP ON DIGLYCOLAMIDES

TUESDAY, 21 NOVEMBER 2017, 9:00–17:00

AGENDA, SEE PAGE 2

#### WORKSHOP ON DILUENTS

WEDNESDAY, 22 NOVEMBER 2017, 9:00–12:00

AGENDA, SEE PAGE 3

→ *Please note that the agenda is indicative.  
This is a workshop and we want to maintain flexibility.*

## WORKSHOP ON DIGLYCOLAMIDES

TUESDAY, 21 NOVEMBER 2017, 9:00–17:00

09:00 – 09:15	Introduction	<b>Andreas GEIST</b> KIT
09:15–09:45	Synthesis of DGA compounds	<b>Wim VERBOOM</b> Twente University
09:45–10:00	Synthesis of tetramethyl-DGA	<b>Laurence HARWOOD</b> Reading University
10:00–10:30	Novel rigidified DGAs for actinides-lanthanides co-extraction	<b>Elena MACERATA</b> POLIMI
10:30 – 11:00	<i>Coffee break</i>	
11:00–11:30	Progress in ALSEP research and development	Terry <b>TODD</b> US DOE
11:30–12:00	Thermodynamic and structural aspects of actinides and lanthanides extraction and complexation with DGA	<b>Andreas WILDEN</b> JÜLICH
12:00–12:30	Discussion	
12:30 – 13:30	<i>Lunch</i>	
13:30–14:00	Speciation and stability constants for the complexation of TEDGA with Am(III) and Ln(III)	<b>Philippe GUILBAUD</b> CEA
14:00–14:30	DGA degradation compounds: properties and effects on extraction systems	<b>Hitos GALAN</b> CIEMAT
14:30–15:00	Discussion	
15:00 – 15:30	<i>Coffee break</i>	
15:30–16:00	DGA-based processes for actinides-lanthanides co-extraction	<b>Andreas WILDEN</b> JÜLICH
16:00–16:30	HNO <sub>3</sub> induced viscosity changes affecting DGA extraction kinetics	<b>Colin BOXALL</b> Lancaster University
16:30–17:00	Discussion	

**WORKSHOP ON DILUENTS****WEDNESDAY, 22 NOVEMBER 2017, 9:00–12:00**

09:00 – 09:15	Introduction	<b>Andreas GEIST</b> KIT
09:15–10:00	Diluent effects in BTBP systems	<b>Christian EKBERG</b> CHALMERS
10:00–10:30	Fluorinated diluents	<b>Vasily BABAIN</b> ITMO University/ ThreeArc Mining
<i>10:30 – 11:00</i>	<i>Coffee break</i>	
11:00–11:30	Hazards arising from diluents	<b>Marc PHILIPPE</b> IRSN
11:30–12:00	Discussion	
<i>12:00 – 13:30</i>	<i>Lunch</i>	