



Programme

	<i>Speaker</i>	<i>Time</i>
Registration + Coffee		
		08:30
Chair: F. Feikus (Nemak Europe GmbH) / 09:00 – 10:15		
Welcome from the 1st Chairman of the AMAP Advisory Board	<u>K. Vieregge</u>	09:00
From the World of the R&D-Cluster AMAP		
AMAP – Facts & figures	<u>K. Vieregge</u> (Hydro)	09:15
Session I: Product and Material Development		
1. AMAP - an important element of Ford’s material research strategy	<u>J. Wesemann</u> (Ford)	09:30
2. High strength aluminum tailor rolled blanks - Next generation light weight design	<u>U. Brüx</u> (Mubea), <u>A. Afseth</u> (Constellium)	09:45
3. Agile product development at the example of e.GO life	<u>G. Tücks</u> (e.GO Mobile AG)	10:00
Meet AMAP-Experts in the GENERALI-Saal + Poster Session + Coffee Break		10:15 – 11:00
Chair: G. Hirt (IBF RWTH Aachen University) / 11:00 – 12:00		
Session II: Modeling		
1. Towards property driven process optimization	<u>T. Brüggemann</u> (Hydro), <u>S. Hojda</u> (IBF)	11:00
2. Non-technical review: Working together in AMAP	<u>C. Bollmann</u> (Aleris)	11:15
3. Predicting casting properties from casting through heat treatment	<u>M. Schneider</u> (Magma)	11:30
4. Materials physics-driven design of light metals	<u>S. Korte-Kerzel</u> (IMM)	11:45
Meet AMAP-Experts in the GENERALI-Saal + Poster Session + Lunch Break		12:00 – 13:30
Chair: A. Bürger (Aleris Rolled Products Germany GmbH) / 13:30 – 14:30		
Session III: Metallurgical Process Technology		
1. AMAP recycling activities - Results and the way forward	<u>G. Rombach</u> (Hydro), <u>J. Steglich</u> (Trimet)	13:30
2. Understanding nonmetallic inclusion behavior - Basis of improving aluminium melt cleanliness	<u>C. Li</u> (IME), <u>B. Friedrich</u> (IME), <u>M. Gökelma</u> (NTNU)	13:45
3. Improved melt quality for aluminium foundries	<u>P. Kientzler</u> (Foseco)	14:00
4. Industrial furnaces – Future trends and challenges	<u>H. Pfeifer</u> (IOB)	14:15
Meet AMAP-Experts in the GENERALI-Saal + Poster Session + Coffee Break		14:30 – 15:15

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	<i>Speaker</i>	<i>Time</i>
Chair: M. Rosefort (TRIMET Aluminium SE) / 15:15 – 16:45		
Session IV: Production Technologies and Additive Manufacturing		
1. Laser additive manufacturing of aluminium alloys	<u>A. Weisheit</u> (Fraunhofer ILT)	15:15
2. Additive manufacturing in industrial environment	<u>A. Roßbach</u> (SMS group)	15:30
3. Advantages of application of aluminium alloys with low Sc-content	<u>E. Ivanova</u> (Rusal), D. Ryabov (Rusal)	15:45
4. Hollow structural Al-components in high pressure die casting	<u>F. Feikus</u> (Nemak)	16:00
5. Joining of aluminum to X	<u>S. Olschok</u> (ISF)	16:15
6. Metal forming innovations with potential for aluminium applications	<u>G. Hirt</u> (IBF)	16:30
Conclusion	<u>K. Vieregge</u> (Hydro)	16:45
End of the Presentation Program		17:00

Meet AMAP-Experts + Poster Session + Get Together **> 17:00**

Current members of the Open Innovation Research Cluster AMAP:

