

International Conference on Additive Manufacturing in Products and Applications (AMPA)

13.-15. September 2017

Conference Concept



Existing Conferences with AM content

Production-Technology-Oriented Conferences

- ILAS, Laser in Manufacturing (LiM), LANE

Design-Conferences

- Somehow in all calls mentioned (Fashion Topic): e.g. Cirp-Design

Additive Manufacturing

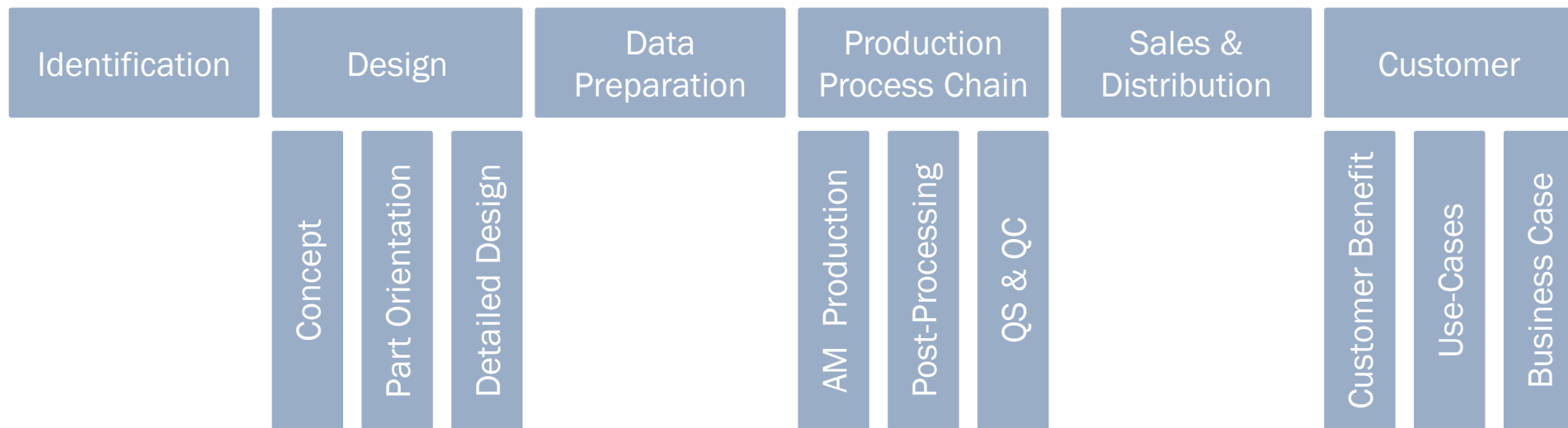
- Solid Freeform Symposium, AM-Conference (Knoxville), AM3D,
- AMUG
- RapidTech, AM-Conference (Uni Nottingham), Additive World Conference (Additive Industries)

Application-Oriented Conferences

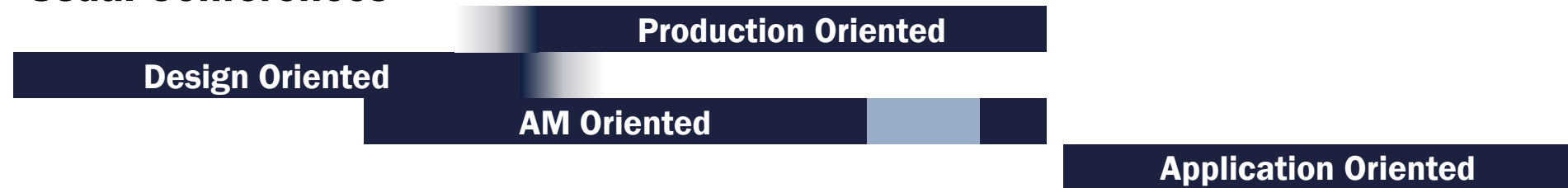
- Isolated AM Examples e.g. Fluid Dynamic, Aerospace etc.

Development Process mapped to usual Scope of Conferences

Development of a Product



Usual Conferences



Scope of AMPA 2017 @ ETH Zurich

Need for an AM Conference

What is Missing:

- Conference covering the whole development chain
- European Conference
- Conference with focus on products
- Link Customer-Product-Production

USPs of AMPA 2017

- Application and Product oriented conference
- Industrial relevance checked in review process
- Holistic, multidisciplinary view on additive manufacturing
- Bringing different communities together (e.g. design, production, economics,...)

Topics for Call for Paper

The aim of *Additive Manufacturing in Products and Applications* is to exchange ideas and knowledge among **engineers, designers and managers** on how to **support real-world value chains** by developing **additive manufactured serial products**.

Design Tools and Methods

- Design for AM
- Simulation
- Design Automation
- Prototyping and Testing

Manufacturing Process Chains

- Product Qualification

- Quality Assurance

Business Cases of AM applications

- Use-Cases of AM-Products
- Identification of AM-Opportunities

Teaching and Training

Unique Customer Benefits

Proposed Size

3 Days, 9:00-17:00 (6h talks)

- Sessions
 - Keynote
 - Parallel
 - Plenary Sessions (selected from normal contributions based on video application)
 - Discussion tables (TBD)
- 20 min slots incl. discussion
- Session mix will be adjusted to accepted contributions
- Number of speakers:
 - All parallel sessions: 86 talks + 1.5h keynotes
 - Mixed plenary and parallel sessions: approx. 70 talks
- Roughly 80-120 participants

Timeframe Summer 2017

Limitations @ ETHZ

- ETHZ Summer Break 02.06.-18.09.2017
- Exams 07.08.-01.09.2017
- National Holiday 01.08.

Conflicting Conferences

- Laser in Manufacturing (together with World of Photonics Congress): 25. - 29.6. 2017
- Rapid Tech 20.-22.6.2017
- SFF 1st or 2nd week of Aug. 2017

June

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	RapidTech			23	24	25
LiM 2017				30		

July

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	ETH AM		16	17	
18	19	20	21	22	23	24
25	26	27	28	29	30	

Expected dates for SFF

Conference

Wed 13. - Fri 15. Sept. 2017

2 1/2 -Stage Review Process

Abstract Review for industrial relevance:

All abstracts will be reviewed by the industrial committee for industrial relevance. Once an abstract is accepted the author is invited to write a 6 page contribution.

Full-Paper Review for scientific quality:

Full-Papers will be reviewed by the scientific committee for scientific quality.

Video-Pitch Review for presentation quality:

Authors of outstanding contributions are given the opportunity to pitch their topic in a short video to apply for one of the limited slots in the plenary session.

Timeline

First Call for Papers:

September 2016 (attached to AMX publication 20./21.09.2016)

Abstract Deadline:

December 5th 2016 (2 weeks after formnext)

Abstract Review Feedback:

February 3rd 2017 (respects end of year peak at companies)

Full paper Deadline:

March 31st 2017

Acceptance notification:

April 28th 2017

Video applications for plenaries:

June 30th 2017 (internal review, one evening with popcorn and beer)

Conference:

13. – 15.9. 2017 (Venue at ETH Zurich's lecture halls)