Gemeinschaftsausschuss Pulvermetallurgie











Expertenkreis
Field Assisted Sintering Technique /
Spark Plasma Sintering (FAST/SPS)

AGENDA - 13th Meeting FCT Systeme – March 22nd, 2018

08:30 Registration 09:00 Introductory remarks (Olivier Guillon, FZ Jülich) **Company profile of FCT Systeme** (Peter Gäbelein, CEO of FCT Systeme) 09:10 **Development of FAST/SPS technology at FCT in the last 16 years** 09:40 (Jürgen Hennicke, FCT Systeme) 10:20 Coffee break 10:40 Contact formation and densification during early stages of spark plasma sintering of metal powders (J. Trapp, B. Kieback, TU Dresden) Rate-controlled sintering of binderless tungsten carbide 11:30 (Jürgen Hennicke, FCT Systeme)

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11:50 Tool optimization in field assisted sintering
 (Alexander Laptev, FZ Jülich)
 12:30 Lunch
 13:30 Discussion / Conclusion (Olivier Guillon, FZ Jülich)
 14:00 Drive to FCT Systeme by coach or own car (approx. 14 km ~ 20 min.)
 14:30 Visit of production facilities of FCT Systeme (approx. 30 min.)