

09:00	Stage (DE)					
	Welcoming and opening of the 1st digital DUALIS user group by Martin Heinz and Heike Wilson					
	Keynote 1: From CIM to AI - A Journey Through Time What motivates a company founder to stick to the vision of intelligent optimization and planning in practice when no one else sees the possibility? And where is Artificial Intelligence going from a research and production perspective? We look forward to an exciting and lively journey through time with the founder of DUALIS Prof. Wilfried Krug and the head of the Fraunhofer Institute for Integrated Circuits Dr. Peter Schneider. Prof. Dr. Wilfried Krug and Dr. Peter Schneider					
	Keynote 2: Management of agile teams in digital working environments The keynote by Mr. Weitz will highlight the special features of digital leadership of agile teams in the context of increasing digitalization. Jörg Weitz, Owner of 3FACHAnders, Coach for Communication and Personality Training					
10:30 - 10:40	Break and Session Change-over					
10:45	Topics - Visual Components	Topics - Visual Components	Topics – Insights Product Development (EN)	Topics – Insights Product Development	Stage - Industrial Focus	Topics - APS Basics
	Topic: General (DE) Product: Visual Components Introduction to 3D simulation with Visual Components Overview of the simulation platform, functions and the development of layouts with standard components. Carsten Eichler, DUALIS Level: Beginner	Topic: General (DE) Product: Visual Components What's New VISUAL COMPONENTS A look at the latest VISUAL COMPONENTS product developments V and news about the DUALIS add-ons. Ralf Dohndorf, DUALIS Level: Advanced	Thema: Collaborative Planning (EN) Produkt: GANTTPLAN APS Collaborative Planning in one site with different production areas How can this be done using the production controller function in GANTTPLAN APS. What are production controllers and is this useful for me? Enrica Teich & Julian Karwowski, DUALIS Level: Advanced	Topic: General (DE) Product: GANTTPLAN APS What's New GANTTPLAN News from our product development, presentation of the new product releases. Wolfram Wessely, DUALIS Level: Advanced	Topic: Introduction to Industrial Cases (DE) Product: GANTTPLAN APS GANTTPLAN APS - flexible and yet standard Using practical examples, we show how our standard GANTTPLAN APS system, with its diverse modeling options, can be used as an add-on to ERP in almost all discrete production processes for order planning. Heike Wilson, DUALIS Level: All	Topic: Basics (DE) Product: GANTTPLAN APS Entry into production planning with GANTTPLAN Overview of functions, use cases and the benefits of an APS system in daily operational planning Thomas Plecher, DUALIS Level: Beginner
11:15 - 11:25	Break and Session Change-over					
11:30	Topic: Factory Planning (EN) Product: Visual Components Excel-based layout planning with Visual Components for everyone - fast and efficient Start with our add-on for automated layout generation incorporating line balancing and extended evaluation options, including OEE key figures, throughput times, production bottlenecks. Maximilian Dilefeld, DUALIS Level: Advanced	Topic: Industrial Focus Mechanical Engineering (DE) Product: AREAPLAN System based space planning with AREAPLAN for machine builders and integrators Introduction to space planning with AREAPLAN for the assembly area of cutting and winding machines at the user company KAMPF Schneid- und Wickeltechnik. Evelin Dietrich, DUALIS Heinrich Andre, Kampf Schneid- und Wickeltechnik GmbH & Co. KG Level: Beginner	Topic: Basics 2 (EN) Product: GANTTPLAN APS Insides of our setup optimization with GANTTPLAN How to use the different setup-optimization possibilities and parameters in your customer GANTTPLAN model in order to achieve the most benefit for your production enviroment. Hendrik Bochmann, Max Herold, DUALIS Level: Advanced	Topic: Overview (DE) Product: GANTTPLAN APS What's next Next features and Releases: Preview of our product development roadmap 2021. Dr. Jörg Sameith, DUALIS Level: All	Topic: Industrial Focus Injection Molding (DE) Product: GANTTPLAN APS GANTTPLAN used for injection molding applications. Can a planner still keep 1000 tool combinations in mind? No! And no company can afford 100 planners. Learn how GANTTPLAN supports injection molding planning in the most optimal way, and how you save time and money while still producing more. Markus Raab, DUALIS Level: All	Topic: General (DE) Product: GANTTPLAN APS An overview of the DUALIS process model used for project implementation. Understand the procedure, phases and get expert tips for a successful APS project implementation, based on over 15 years of project experience. Annika Schiffner, Bryan Fischer, DUALIS Level: all
12:00 - 13:30	Lunch break and visit to the Digital Exhibition					
13:30	Topic: Robotics (DE) Product: Visual Components Robot function modules for Visual Components Optimization of security rooms and optimization of multi-robot cells. Paul Eichler, Sebastian Krusche, Fraunhofer IWU Level: Advanced	Topic: Basics (DE) Product: AREAPLAN Simple space planning and optimization with AREAPLAN Plan and optimize your limited assembly space with an innovative tool as an add-on to your ERP system with insight into our current functions and outlook on planned further developments. Evelin Dietrich, Stephan Beil, DUALIS Level: Beginner	Topic: Basics 3 (EN) Product: GANTTPLAN APS Using different production versions with GANTTPLAN Manual and automatic planning of alternative production versions with routings and associated BOM's for materials and products based on available capacities, components and defined target and cost criteria. Dr. Frank Baumann, DUALIS Level: Expert	Topic: Live-Demonstration (DE) Product: GANTTPLAN APS GANTTPLAN-Service in Action Live presentation of a possible use and handling of our existing and new software components GANTTPLAN Desktop, GANTTPLAN Web and Service and their interaction. Wolfram Wessely, DUALIS Level: All	Topic: Industrial focus Injection Molding (DE) Product: GANTTPLAN APS From decision to application - GANTTPLAN as a tool for daily planning in injection moulding Ypsomed AG provides an overview of the tool selection, decision and software introduction of GANTTPLAN as an APS add-on to SAP. Marco Minder, Thomas Walter, Ypsomed AG Level: All	Topic: General (DE) Product: GANTTPLAN APS Digital and continuous training of users Presentation of the new online training platform for GANTTPLAN with extensive video training under the motto: Training anytime and anywhere. Michael Gerhardt, Gerhardt Engineering Level: Beginner
14:00 - 14:10	Break and Session Change-over					
14:15	Topic: Industrial focus Surface processing (DE) Product: Visual Components 3D simulation for the design of paintshops Simulation-supported conception of surface coating plants in 3D, procedure and benefit on a practical example. Marc Furmennek, Christian Fieg, Dürr Systems AG Level: All	Topic: Factory Planning 1 (DE) Product: Visual Components Excel-based layout planning with Visual Components for everyone - fast and efficient Start with our add-on for automated layout generation with line balancing and extended evaluation options, including OEE key figures, throughput times and production bottlenecks. Maximilian Dilefeld, DUALIS Level: Advanced	Topic: Overview (EN) Product: GANTTPLAN APS What's New in GANTTPLAN Insights from our product development. We present the newest features of our latest released versions. Wolfram Wessely, DUALIS Level: Advanced	Topic: Workshop (DE) Product: GANTTPLAN APS Open Session Your topics and opinions are important to us: What is important for you in future GANTTPLAN versions? Lets have a look at your questions live with our experts and lets think together about new and improved functions. Dr. Jörg Sameith, DUALIS Level: All	Topic: Industrial focus Electronics (DE) Product: GANTTPLAN APS Use of GANTTPLAN at welding equipment supplier FRONIUS International GANTTPLAN supports the daily order scheduling and production optimization at Fronius in all production areas. Learning about the results and benefits. Michael Reisinger, Fronius International Level: All	Topic: General (DE) Product: GANTTPLAN APS Introduction to the use of the stable period Application of the stable period in the planning model, effects of disturbances and rescheduling. Eric Schellenberger, DUALIS Level: Beginner
14:45-14:55	Break and Session Change-over					
15:00	Topic: Factory Planning 2 (DE) Product: Visual Components 3D manufacturing simulation in the textile factory of the future Use of 3D simulation for process optimization in the textile industry. Falko Schubert, Sächsisches Textilforschungsinstitut e.V. (STFI) Level: Advanced	Topic: Overview (EN) Product: Visual Components Starting with 3D material flow simulation and Visual Components Overview to features of the discret material flow simulation platform, fast layout building and integrated components libraries. Evelin Dietrich, DUALIS Level: Beginner	Topic: Overview (EN) Product: GANTTPLAN APS What's next Next features and Releases: Preview of our product development roadmap. Dr. Jörg Sameith, DUALIS Level: All	Topic: Collaborative Planning (DE) Product: GANTTPLAN APS Collaborative Planning in one site with different production areas How can this be done using the production controller function in GANTTPLAN APS. What are production controllers and is this useful for me? Enrica Teich, Julian Karwowski, DUALIS Level: Advanced	Topic: Industrial focus Mechanical Engineering (DE) Product: GANTTPLAN APS Never again late machine deliveries - GANTTPLAN APS in mechanical engineering The use of GANTTPLAN in conjunction with AP+ for optimized planning of order networks in mechanical engineering. Johannes Häfer, Hans Weber Maschinenfabrik Level: All	Topic: MRP 1 (DE) Product: GANTTPLAN APS Material requirements planning - what works and what doesn't As a supplement to ERP, the MRP integrated in GANTTPLAN is used operationally and daily in over 90% of the projects. We provide an overview of possible versions, applications and requirements for data integration. Benjamin Schmidt, DUALIS Level: Beginner
15:30 - 15:40	Break and Session Change-over					
15:45	Topic: Industrial focus Mechanical Engineering (DE) Product: Visual Components Practical example of virtual plant commissioning Virtual plant commissioning with Visual Components at Schmidt & Heinzmann GmbH. Marcus Mertens, Schmidt & Heinzmann GmbH Level: Advanced	Topic: Robotics 2 (DE) Product: Visual Components Innovative offline programming of robot welding cells The company FILL gives an overview of the simulation and offline programming of welding robots using the add-ons from Delfoi Robotics. Tobias Wageneder, FILL Gesellschaft mbH Level: Advanced	Topic: Live-Demonstration* (EN) Product: GANTTPLAN APS GANTTPLAN-Service in Action Live-presentation how to use our State of the art GANTTPLAN Desktop, Web Client and Service components together. Wolfram Wessely, DUALIS Level: All	Topic: Basics 3 (DE) Product: GANTTPLAN APS Using different production versions with GANTTPLAN Manual and automatic planning of alternative production versions with routings and associated BOM's for materials and products based on available capacities, components and defined target and cost criteria. Dr. Frank Baumann, DUALIS Level: Expert	Topic: Industrial focus Contract Manufacturing (DE) Product: GANTTPLAN APS Hello planning, this is production. Experience report on the use of the new cloud solution "Planning Board & Production Feedback" at the medium-sized contract manufacturer Jörg Lintzen GmbH. Joshua Hempel, Jörg Lintzen GmbH Ugur Dogan, ISTOS GmbH, Member of DMG Group Level: All	Topic: MRP 2 (DE) Product: GANTTPLAN APS APS Material requirement planning for experts The MRP integrated in GANTTPLAN can be used in a wide variety of ways. Additional functions such as the generation of order proposals or the creation of order networks are often required and necessary additions to the ERP. Benjamin Schmidt, Irina Georgi, DUALIS Level: Advanced
16:15 - 16:25	Break and Session Change-over					
16:30	Topic: Workshop (DE) Product: Visual Components Customer Workshop Your topics in focus: What moves you? Useful tips in dealing with VISUAL COMPONENTS for your problems played out live on the computer & joint brainstorming for improved and new functions. Jan Hermann, Stephan Beil, DUALIS Level: All	Topic: Workshop (DE) Product: Visual Components Customer Workshop Your topics in focus: What moves you? Useful tips in dealing with VISUAL COMPONENTS for your problems played out live on the computer & joint brainstorming for improved and new functions. Evelin Dietrich, Maximilian, Dilefeld, DUALIS Level: All	Topic: Workshop (EN) Product: GANTTPLAN APS Open Session Your topics and opinions are important to us: What is important for you in future GANTTPLAN versions? Lets have a look at your questions live with our experts and lets think together about new and improved functions. Reik Zettl, Dr. Jörg Sameith, DUALIS Level: All	Topic: Basics 2 (DE) Product: GANTTPLAN APS Introduction to the possibilities of setup optimization with GANTTPLAN Presentation of the various forms of setup optimization in the GANTTPLAN and their application in the planning model with presentation of achievable savings potentials in customer projects. Max Herold, Hendrik Bochmann, DUALIS Level: Advanced	Topic: Industrial focus Surface processing (DE) Product: Customized APS Customer-specific order optimization in paint shops An outline of the procedure to develop a customer-specific APS solution using a paint line application as an example. Chiara Gerwin, Sergej Klassen, Rippert GmbH & Co.KG Level: Advanced	Topic: Integration* (DE) Product: GANTTPLAN APS Data synchronization via Delta Sync - fast and efficient Do you already know our Sync interface, which is now even faster? We will show you how you can use the improvements for your ERP/MES integration. Johannes Friedemann, DUALIS Level: Expert
17:00	Wrap-up, Evaluation of our Quiz and Farewell					

*recommended for partners