Session Title: PIDMIC 3.0 Process Industry Data Management Integration Congress 3.0
Responsible Person (with contact data): Dr. Wilhelm Otten, DEXPI e.V., Networking Team, Email: networking@dexpi.org (Company email: wilhelm.otten@wotten-consulting.de); Mobil: +491704904172
Chair: Reiner Meyer-Roessl, Dr. Wilhelm Otten, Heiner Temmen
Date: 11. - 12. June 2024
Location: Halle 11.0, Raum Korall (determined by Congress Team) Bevorzugt Bereich "Anlagenbau/Engineering", Halle 9

Title	Institution
Day 1 - 11. June 2024	
General specifications in the Asset Lifecycle	
DEXPI Process Model and DEXPI 2.0	DEXPI e.V. ; Project DEXPI+
USPI - L3Dex Industry Standard for 3D-Models	USPI
BIM - Alignment of Building Information Modeling with Information Data Models of the Process Industry	BuildingSMART
USPI - Tagging Standard	USPI
Asset models - IDTA/VDMA - Asset models as Submodels of the AAS including name plate	IDTA
ISO - MRAIL Project, ISO 15926 part 4, ed. 3	ISO
Workshop session 1: Interfaces, lifecycle models Tagging, name plate	DEXPI
Asset models with focus on instrumentation	
Asset models - CFIHOS/JIP33, Integration of JIP33 (procurement specification) in JIP36/CFIHOS	IOGP
Asset Models - ECLASS/IEC - Project Comdo	IEC
Automation - Alignment between IEC61987 and ISO15926	IEC
Automation - Integrated Engineering NAMUR	NAMUR
Workshop session 2: Gaps and alignment requirements	DEXPI e.V.

Day 2 - 12. June 2024	
Implementation and Integration of Industry Standards	
DEXPI Pillar: New Data Exchange Format	Plant & Bytes GmbH
DEXPI as Submodel of the Asset Administration Shell	
Implementation Examples for Industry Standards - software	DEXPI e.V.
Implementation Examples for Industry Standards - user	Equinor / Noaka Project
Implementation Examples for Industry Standards - user	Evonik
Workshop session 3: Needs for implementation, user and industry	DEXPI
Semantic Modelling Approaches with Focus on Process Industry	
Session Introduction: Semantic Modelling Approaches with Focus on Process Industry	Evonik
Ontology usage for modular plants in the process industry - state of the research	TU-Dresden
ISO Industrial Data Ontology (IDO)	IDO
ISO 15926 part11 - Semantic Modelling	ISO TC184 SC4
CFIHOS Semantics	CFIHOS / TotalEnergies
KGA Knowledge Graph Alliance	KGA
Integrating engineering knowledge with AI services with a focus on industrial processes	Industrial Analytics (Infineon Group)
Workshop session 4: Semantic modelling	DEXPI