

## Working Group on Industry and Business Arbeitskreis Industrie und Wirtschaft (AIW)

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The Industry Day will be held as part of the DPG Spring Conference, which usually has over 6,000 participants. Around 250 people (mostly students and doctoral candidates) taking part in the Industry Day, which is organized and carried out by the Industry and Economy Working Group (AIW) of the DPG. The aim of the events is to inspire students and PhD candidates for careers in business and industry. Following the Industry Day the DPG Technology Transfer Award will be conferred.

### Overview of Invited Talks and Sessions (Lecture hall BAR/SCHÖ)

#### Invited Talks

AIW 1.2	Wed	14:10–14:30	BAR/SCHÖ	<b>From Particle Physics to Patient Care – The Evolution of Accelerator-Based Tumor Therapy in Germany</b> — •ANDREA DENKER
AIW 1.3	Wed	14:30–14:50	BAR/SCHÖ	<b>High Energy X-rays: Pioneering Hope and Success in Cancer Therapy</b> — •STEFAN SCHEIB
AIW 1.4	Wed	14:50–15:10	BAR/SCHÖ	<b>A Compact Accelerator Driven Neutron Source for Industry and Medicine</b> — •HOLGER HÖLTERMANN
AIW 2.2	Wed	16:00–16:20	BAR/SCHÖ	<b>Accelerating Research with Particle Accelerators</b> — •CHRISTOPH QUITMANN
AIW 2.3	Wed	16:20–16:40	BAR/SCHÖ	<b>Advancements in Superconductor Technology for High-Energy Accelerators and Fusion Applications</b> — •KLAUS SCHLENGA
AIW 2.4	Wed	16:40–17:00	BAR/SCHÖ	<b>Application of Electron Accelerators for the Crosslinking of Polymers in Industry</b> — •ANDREAS OSTROWICKI

#### Invited Talks of the joint Symposium The Sustainability Challenge: A Decade of Transformation (SYSC)

See SYSC for the full program of the symposium.

SYSC 1.1	Mon	15:00–15:30	HSZ/AUDI	<b>Open-Endedness and Community-Based Approaches to Sustainability Challenges</b> — •HIROKI SAYAMA
SYSC 1.2	Mon	15:30–16:00	HSZ/AUDI	<b>Education as a Social Tipping Element: Evidence from Climate and Physics Education Research</b> — •THOMAS SCHUBATZKY
SYSC 1.3	Mon	16:00–16:30	HSZ/AUDI	<b>Mechanistic and Material Perspectives on Enzymatic Hydrolysis of Semicrystalline Polyesters</b> — •BIRTE HÖCKER
SYSC 1.4	Mon	16:45–17:15	HSZ/AUDI	<b>Decarbonization Options for Industry</b> — •UWE RIEDEL
SYSC 1.5	Mon	17:15–17:45	HSZ/AUDI	<b>Impacts of Cosmic Dust and Space Debris in the Terrestrial Atmosphere</b> — •JOHN PLANE

#### Sessions

AIW 1.1–1.5	Wed	14:00–15:30	BAR/SCHÖ	<b>Medical Applications – Accelerators in the Service of Health</b>
AIW 2.1–2.5	Wed	15:55–17:20	BAR/SCHÖ	<b>Medical Applications – Accelerators in the Service of Health</b>
AIW 3	Wed	17:20–18:00	BAR/SCHÖ	<b>Ceremony of the DPG Technology Transfer Award &amp; Presentation</b>
AIW 4	Wed	18:00–19:30	BAR/SCHÖ	<b>Open Reception of the AIW for the winners</b>