15 Copper-aluminum superatom discovered
From the outside, the lump of 55 copper and aluminum atoms resembles a crystal. Chemically, however, it has the properties of an atom. The hetero-metallic superatom, which chemists at the German Technical University of Munich have produced, creates the conditions for the development of cost-effective catalysts.

24 Choosing optimal measuring devices for extrusion lines
When deciding about investing in a measuring device, one of the main factors usually is which device is the “best”. Characteristics where “more” or “less” is considered as “better” are seemingly easy to compare. This simplification, however, bears risks.

28 Continuous process chains for profile wires
Dies for drawing and rolling are designed and optimised today using CAE software. However, for many smaller firms this is a strenuous effort. Often, they rely on employee experience or procedures based on the “trial and error” principle. Both are neither sustainable nor cheap.