

STLE Launches New Podcast, “How 3D Printing Moves Us Towards Sustainability”

*Podcast offers insights on how additive manufacturing can improve
the efficiency and sustainability of production*

Park Ridge, Illinois (November 11, 2021) – The Society of Tribologists and Lubrication Engineers (STLE) — the technical society for individuals in the field of tribology and lubrication engineering — is pleased to announce the immediate availability of a new, free podcast titled “[How 3D Printing Moves Us Towards Sustainability.](#)”

Additive manufacturing, also known as 3D printing, is a transformative approach to making prototypes, particularly those made from complex designs, enabling companies to manufacture products more efficiently and sustainably. Unlike conventional manufacturing methods that remove material from a substrate and dispose of it, 3D printing builds structures layer-by-layer to minimize waste.

While this technique works well for plastic resins, additive manufacturing can present challenges when it’s used for metal alloys. In this podcast episode, two experts conducting research on the 3D printing of metal alloys, Anthony Rollett, Ph.D. (Carnegie Mellon University) and Wojtek Misiolek, Ph.D. (Lehigh University), provide further insight on additive manufacturing, particularly on how it’s being used to reduce parts from metal alloys.

The new episode is third in STLE’s podcast series, “Perfecting Motion: Tribology and the Quest for Sustainability.” The program is hosted by Neil Canter, Ph.D., STLE advisor, technical programs and services and Tribology and Lubrication Technology (TLT) writer, and covers a wide range of tribology and lubrication topics — including additive manufacturing, lubricant additives, nano-lubricants, nano-additives, lubricant testing, graphene and more.

“Additive manufacturing is improving the efficiency and sustainability of industrial production across many industries, including metalworking, manufacturing, transportation and power energy,” says Canter. “But the benefits don’t stop there. This technique is also making a positive impact in non-industrial sectors like healthcare, enabling manufacturers to tailor-make prosthetic devices, implants, tissues and more.”

STLE offers tribology and lubrication content in a variety of different formats — print, digital, video and now audio. To listen to STLE’s new podcast or to access archived episodes, visit www.stle.org/podcast or follow “Perfecting Motion: Tribology and the Quest for Sustainability” on [Spotify](#), [Apple Podcasts](#) and [Google Podcasts](#) and others to be notified when new episodes are released.

About the Society of Tribologists and Lubrication Engineers (STLE)

The [Society of Tribologists and Lubrication Engineers](#) (STLE) is the premier technical society serving the needs of over 13,000 individuals and 250 companies and organizations that comprise the tribology and lubrication engineering business sector. STLE members are employed by the world’s leading corporations, academic institutions and by governmental agencies dealing with science and technology. STLE supports these distinguished technical experts with a variety of professional education and certification programs. STLE is a professional technical society providing a selection of robust resources



Society of Tribologists and Lubrication Engineers

in technical research, education, and professional development delivered through programming, courses, events and periodicals on topics most important to you: safety, energy usage, maintenance, natural resources, wear and productivity.

Membership is available to those interested in staying current in the latest technologies, advancing their careers and making new professional connections from around the world. [STLE membership](#) is a low-cost investment with high professional rewards. For more information or to join today, download the [STLE Member Benefits Guide](#) and visit www.stle.org.

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