

CONCEPTS NREC

FOR IMMEDIATE RELEASE

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Concepts NREC to Chair Engine Boosting Systems Tech Session, Discuss ORC and Software Products at SAE 2014 World Congress & Exhibition

White River Junction, VT, USA – April 2, 2014 — **Concepts NREC ([CN](#))**, the world's leading full service, independent turbomachinery design and development organization announces it will be exhibiting at the **SAE 2014 World Congress & Exhibition** April 6-10, 2014 at the Cobo Center in Detroit, MI.

CN has been involved in the cutting-edge design and engineering of many of the best engine boosting systems in the world. At this year's Show, CN Sr. Engineer Eric Krivitzky, will be co-chairing the **Engine Boosting Systems Technical Session** [Session Code: PFL520] on **Tuesday, April 8th** at **1:00 PM** in **Room 140D**. This session will cover conceptual, modeling and experimental studies relating to advanced turbochargers/superchargers and advanced boosting systems, to achieve increased power density, better fuel economy, and reduced emissions.

Representatives will also be on-hand in **Booth #529** to speak about the **CN300**. This is CN's latest offering for waste-heat-to-power conversion, with broad suitability for diesel engine applications. Keith Patch, CN's *ORC Product Manager*, will be attending to share more information on this promising new possibility.



Each year, CN also makes major upgrades to their **Agile Engineering Design System**® suite of software, the only commercially-available design and analysis software that encompasses and integrates the entire engineering process for radial, axial and mixed-flow turbomachinery components. “The 2013 release provides some really great features that apply specifically to turbomachinery design in the automotive industry,” says George Zitka, *Managing Director of Software Sales — USA, Canada and Japan*. “We have brought 2-stage turbocharging modeling to TurboMatch, directional flow injection to Pushbutton CFD, and changes too numerous to mention to CTAADS (our cooled-turbine blade design system).” This now means designing optimized engine boost systems and/or low-noise fans/blowers will be even easier.

About Concepts NREC

For over half a century **Concepts NREC** (CN) has been providing engineering design, software, manufacturing, and educational services that have aided in the creation of the world’s most advanced turbomachinery.

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