



PRESS RELEASE
For Immediate Release
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Ceralink Receives Phase I Award from NASA for Automated Hybrid Microwave Heating for Lunar Surface Solidification

Troy, New York – Ceralink Inc., a leader in materials engineering and technology commercialization, announced today that it has been awarded a \$100,000 SBIR Phase I contract by the National Aeronautics and Space Administration (NASA) to develop an automated microwave surface heating system to solidify lunar regolith (soil).

“We are very pleased to receive this contract”, said Patricia Strickland, CEO of Ceralink. “Lunar investigation is a vital tool for future space exploration, and it’s exciting to be involved in developing technology that will help address the need for lunar surface stabilization.” Lunar regolith is easily disturbed and detrimental to equipment and operations on the moon, as was identified by the severe complications from dust on the Apollo space missions. Surface stabilization is paramount to future lunar missions.

Ceralink’s Phase I will demonstrate microwave system feasibility using advanced computer modeling and sophisticated laboratory experimentation with lunar simulant. Ceralink has assembled a team including research partner Rensselaer Polytechnic Institute (RPI) and commercialization partner Gerling Applied Engineering to successfully bring this technology from research to prototype demonstration and ultimately to delivering a fully functioning system.

Ceralink, a global leader in the development of microwave processing technologies, specializes in materials consulting, R&D, microwave technology and scale up, materials analysis, and lean green engineering. Throughout their 10 years in business, Ceralink has combined top notch engineering with materials innovation and dedication to the development of sustainable manufacturing solutions.

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