

# Stanford

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#### ACADEMIC APPOINTMENTS

- Phys Sci Res Assoc, W. W. Hansen Experimental Physics Laboratory

#### Publications

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#### PUBLICATIONS

- **Interferometric imaging of thermal expansion for temperature control in retinal laser therapy** *BIOMEDICAL OPTICS EXPRESS*  
Veysset, D., Ling, T., Zhuo, Y., Pandiyan, V., Sabesan, R., Palanker, D.  
2022; 13 (2): 728-743
- **Interferometric imaging of thermal expansion for temperature control in retinal laser therapy.** *Biomedical optics express*  
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2022; 13 (2): 728-743
- **Melting and Ejecta Produced by High Velocity Microparticle Impacts of Steel on Tin** *JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME*  
Lienhard, J., Veysset, D., Nelson, K. A., Schuh, C. A.  
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- **Supersonic impact resilience of nanoarchitected carbon.** *Nature materials*  
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- **Modelling of micro-particles perforations into human tissue surrogate: Numerical and analytical aspects** *EXTREME MECHANICS LETTERS*  
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- **High-velocity micro-projectile impact testing** *APPLIED PHYSICS REVIEWS*  
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- **In situ observations of jetting in the divergent rebound regime for high-velocity metallic microparticle impact** *APPLIED PHYSICS LETTERS*  
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- **Surface oxide and hydroxide effects on aluminum microparticle impact bonding** *ACTA MATERIALIA*  
 Lienhard, J., Crook, C., Azar, M., Hassani, M., Mumm, D. R., Veysset, D., Apelian, D., Nelson, K. A., Champagne, V., Nardi, A., Schuh, C. A., Valdevit, L.  
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- **Particle size effects in metallic microparticle impact-bonding** *ACTA MATERIALIA*  
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- **Response to Comment on "Adiabatic shear instability is not necessary for adhesion in cold spray"** *SCRIPTA MATERIALIA*

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● **Glass fracture by focusing of laser-generated nanosecond surface acoustic waves *SCRIPTA MATERIALIA***

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