A Pulsed Nonlinear Raman Detection of Trace Organics with SERS Enhanced Sensitivity

Submitted by drupal on Thu, 10/23/2014 - 13:51

Firm: Crystal Research, Inc. [2]
Award Solicitation: NASA SBIR 2014 Phase I Solicitation [3]
Award ID: SBIR_14_P1_144558
Award Dollars: 123,861.00
Award Lead Center: Ames Research Center [5]
Proposal Number: S1.06-9443
Proposal Title: A Pulsed Nonlinear Raman Detection of Trace Organics with SERS Enhanced Sensitivity
EHB Solicitation ID: SBIR_14_P1
Selection: NASA 2014 SBIR Program Phase I Selections [7]
Award Status: Suning
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A Pulsed Nonlinear Raman Detection of Trace Organics with SERS Enhanced Sensitivity

Firm Zip4: 7750
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Firm State: California [8]
Firm City: Fremont
RI Street:

Firm Name: Crystal Research, Inc.
RI City:
RI Zip:
RI Zip4:

Award Tech Area: Detectors and Focal Planes [9]
RI Official First Name:
RI Official Last Name:
RI Official Phone:
RI Official Email:

EHB Subtopic Number: S1.06
EHB Subtopic Parent: S1
EHB Center: ARC
Firm Street: 48501 Warm Springs Boulevard, Suite 103
Migration ID: 0
Migration Firm ID: 0
Migration Solicit ID: 0

Award Tech Taxonomy:
Analytical Instruments (Solid, Liquid, Gas, Plasma, Energy; see also Sensors) [10]
Fiber (see also Communications, Networking & Signal Transport; Photonics) [12]
Lasers (Measuring/Sensing) [13]
Biological Signature (i.e., Signs Of Life) [14]
Chemical/Environmental (see also Biological Health/Life Support) [15]
Optical/Photonic (see also Photonics) [16]