

# PPPL Honors Inventors at Annual Patent Dinner

The Laboratory honored twenty-two inventors for Fiscal Year 1997 during the sixteenth annual Patent Recognition Dinner on June 16 at Princeton University's Prospect House. Patent Committee member Lewis Meixler delivered remarks at the dinner, and PPPL Director Rob Goldston presented the awards to the honorees. Congratulations, inventors!

## Committee on Inventions

The Committee on Inventions includes Peter Bonanos, C.Z. Cheng, Sam Cohen, Phil Efthimion, Terry Greenberg, Rich Hawryluk, Steve Jardin, Henry Kugel, Lewis Meixler, Carol Phillips, Ken Young, and Stewart Zweben. ●



The inventors at the dinner included (from left) Don Weissenburger, Joseph Cecchi, Charles Skinner, Nathaniel Fisch, Robert Woolley, Samuel Cohen, Gennady Shvets, Tobin Munsat, Jan Wioncek, Enoch Durbin, Szymon Suckewer, and Hironori Takahashi.

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## Patents Issued in Fiscal Year 1997

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Apparatus and Process for Producing High Density Axially Extended Plasmas

*Joseph Cecchi and James Stevens*

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## Patents Applied for in Fiscal Year 1997

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Traveling Spark Ignition (TSI) System

*Szymon Suckewer and Enoch Durbin*

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## Inventions Disclosed in Fiscal Year 1997

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Spectroscopic Method to Measure Electric Fields in a Plasma

*Michael Zarnstorff*

Non-Optical Imaging and Structure Determination of Random Variable Targets

*Raffi Nazikian*

The Conducting Shell Stellarator

*George Sheffield*

Live Parallels

*John DeSandro, Jan Wioncek,  
Joseph Vannozzi, and William Zimmer*

Magnetic Field Sensors Using Thick Film Printed Circuit Technology

*Hironori Takahashi*

Efficient Tritium Removal by Heating with Continuous Wave Lasers

*Charles Skinner*

Magnetic Nozzle to Promote Plasma Recombination

*Samuel Cohen, Jaeyoung Park, and Tobin Munsat*

Pulse Shaping in Short-Pulse FEL Oscillators Using Multiple Resonators

*Gennady Shvets and Jonathan Wurtele*

A Molecular Sieve Binder for Tritiated Water Which Prevents Hydrogen Gas Formation

*R. Thomas Walters*

Spark Version 2.0

*Donald Weissenburger and James Bialek*

Thick Flowing Liquid Lithium First Wall for Toroidal Magnetic Confinement DT Fusion Reactors

*Robert Woolley*

Method to Produce Electrical Power Within the Lithium Blanket Region of a Magnetically Confined DT Fusion Reactor

*Robert Woolley*