



## Lehigh Valley Amateur Astronomical Society 60th Anniversary Banquet

Friday, November 3, 2017 — 6:00 – 9:00 p.m.  
Wood Dining Room  
Lehigh University Mountaintop Campus

Featuring Dr. Bonnie J. Buratti  
“Cassini’s Grand Finale”

The Cassini Mission explored Saturn and its system of moons and rings for the past 12 years, spanning two seasons of the planet. The great discoveries of the mission include hydrocarbon lakes and rain on Titan; a huge plume spewing water from a liquid subsurface ocean on Enceladus; a glorious halo of complex, ever changing rings; closeup views of Saturn's unique and curious family of small moons; and several new moons. But the life of Cassini ended on September 15, when this gallant robot crashed into and was consumed by the very planet it studied so closely. The spacecraft performed several daring passes between the rings and the planet at the end of its life, sending back to Earth spectacular views of the system as it executed its death spiral.

Dr. Bonnie Buratti is a Principal Scientist and technical manager at NASA’s Jet Propulsion Laboratory, with expertise on the structure and evolution of icy moons and other small bodies. She holds degrees from MIT and Cornell in Astronomy. She is currently serving on the Science Teams for both the Cassini and New Horizons missions, and she is also the NASA Project Scientist for the Rosetta Mission to a comet. The author or coauthor of over 200 scientific papers, Dr. Buratti was awarded the NASA Exceptional Achievement Medal, and the International Astronomical Union recognized her work by naming asteroid 90502 Buratti after her. She is a Fellow of the American Geophysical Union. Her popular book “Worlds Fantastic, Worlds Familiar: A guided tour of the Solar System” was published this year.

### Buffet Menu

Classic Caesar Salad Crisp Chopped Romaine, Seasoned Croutons, Shredded Parmesan Cheese with Caesar Dressing  
Dinner Rolls with Butter  
Chicken Marsala Pan Roasted Chicken with a Wild Mushroom Marsala Sauce  
Lasagna with Bolognese, Ricotta & Basil  
Beef Tenderloin Mignonettes Warm Plum Tomato Confit and Gnocchi  
Roasted Rosemary Red Bliss Potatoes  
String Beans with Garlic & Oil  
Assorted Italian Cookies  
Assorted Regular and Diet Pepsi Products  
Coffee and Tea  
Assorted Italian Cookies  
LVAAS Birthday Cake

### Door Prizes — Telescope Display

<b>Consideration</b> \$50.00 per person \$45.00 for LVAAS members and their guests	Please return with payment by check <b>payable to LVAAS</b> no later than <b>October 20, 2017</b> , to: <b>Gwyn Fowler, Treasurer</b> <b>LVAAS</b> <b>97 Yeager Road</b> <b>Lenhartsville, PA 19534</b>
Name	
Number attending	
Additional contribution	
Amount remitted	
Email address for confirmation	

For info: <http://lvaas.org/banquet> — 610-797-3476