



IEEE

IEEE South Australia Section

Annual Distinguished Lecture and Dinner

The IEEE South Australia Section Committee invites you and your partner to the Annual Dinner and Lecture:

Reviving Waste in Green Manufacturing: Creating new solutions through Innovation and Partnerships

PROFESSOR VEENA SAHAJWALLA FTSE, HonFIEAust
ARC Georgina Sweet Laureate Fellow and
Director of the Centre for Sustainable Materials Research and Technology (SMaRT)



Date: 17 October 2017

Time: Pre-dinner Drinks 6:00 pm - 7:00 pm
Dinner & Lecture 7:00 pm - 10:00 pm

Venue: Adelaide Pavilion
cnr South Terrace & Peacock Rd, Adelaide

Three Course Dinner and Drinks

RSVP: Remove the slip below and return completed
to IEEE SA Section by 10th October 2017

Or complete it online at

<https://goo.gl/forms/Eig5GnitM3vcpvJf1>

Dress Code: Neat Casual

Return to:
IEEE SA Section
PO Box 53
Elizabeth SA 5112

Phone: 0431 590 670

E-mail: south.australia@ieee.org

Name _____

Address _____

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Special dietary requirements _____

Method of payment Cheque Cash Visa MasterCard
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2017 Annual Lecture and Dinner

| Sign up for: | Price |
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| <input type="checkbox"/> IEEE Member | \$70 |
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IEEE South Australia Section Annual Lecture

Reviving Waste in Green Manufacturing: Creating new solutions through Innovation and Partnerships

PROFESSOR VEENA SAHAJWALLA FTSE, HonFIEAust
ARC Georgina Sweet Laureate Fellow and
Director of the Centre for Sustainable Materials Research
and Technology (SMaRT) at UNSW

Australian Research Council (ARC) Laureate Professor Veena Sahajwalla is revolutionising recycling science to unlock the wealth of resources embedded in the many complex wastes currently destined for landfill. As a materials scientist and engineer and founding Director of the Centre for Sustainable Materials Research and Technology (SMaRT) at the University of New South Wales, Sydney and the ARC Industrial Transformation Research Hub for green manufacturing, she is producing a new generation of green materials, products and resources made entirely, or primarily, from waste. Her internationally commercialised EAF 'green' steelmaking process, for example, is transforming millions of waste tyres as a partial replacement for coke. She has also pioneered a cost-effective microfactory concept to transform waste locally, such as e-waste, glass and plastics. By collaborating actively with industry, Professor Sahajwalla ensures research success is translated into real world environmental and economic benefits.

Biography

Prof Veena Sahajwalla became one of Australia's best-known scientists and inventors through her regular appearances as a judge on the long-running ABC TV series 'The New Inventors'. She continues her community engagement through regular school visits and public talks, her mentoring program for girls in science (Science 50:50) and regular media commentary. In 2016, Professor Sahajwalla was named one of Australia's most innovative engineers and in 2015 she was listed as one of Australia's Top 100 Most Influential Engineers and selected as an Honorary Fellow by Engineers Australia. Professor Sahajwalla was also the recipient of the ARC Georgina Sweet Australian Laureate Fellowship in 2014. She won the Australian Innovation Challenge (Overall Winner) as well as the GE Eco Innovation Award for Individual Excellence and a Banksia Award in 2012.