

# Photonics 4

## Recycling Waste Material & Metal Processing

Skellefteå | 3-4 April 2019

### Innovation Symposium

- » Talks by Photonics Experts and End-users
- » Partnering & Networking
- » Exhibition
- » Matchmaking



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**Save the Date**

The aim of the workshop is to  
with actors in recycling and handling of

gather actors in photonics together  
metallic materials

Preliminary agenda:

### Day 1: Wednesday 2019-04-03

- 09:20 Arrival Skellefteå by SAS from Arlanda
- 10:30 Study visit at Optronic AB
- 12:00 Lunch at Optronic AB
- 12:30 Bus to visit Northvolt construction site
- 13:30 Study visit at Rönnskärsverken
- 17:00 Bus back to Skellefteå
- 19:30 Dinner in Skellefteå

### Day 2: Thursday 2019-04-04

- 09:30 Workshop Part-1 in Skellefteå
- 12:00 Lunch
- 13:00 Workshop Part-2 in Skellefteå
- 17:30 End of Workshop
- 18:00 Transport to SFT
- 19:25 SAS Departure to Arlanda

 **PhotonicsSweden**  
The Swedish Technology Platform in Optics and Photonics

### In cooperation with and sponsored by:

  
OPTRONIC



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### Organised by:



  
LULEÅ  
TEKNISKA  
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Process Industrial IT and Automation



Photonics Finland

**ADOPTICUM**

  
Photonics  
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**Rönnskärsverken in Skelleftehamn**, Skellefteå municipality is Sweden's sole smelter for the production of base metals, and is working on recycling of electronic scrap.

The main products are copper, zinc clones, lead and precious metals with sulfuric acid as a by-product.

Rönnskär also produces metals from electronic scrap and other secondary materials. The smelting plant produced 190,000 tonnes of copper in 2010.

In 2010, an expansion of approximately SEK 1,3 billion was made by Rönnskärsverken, which made the smelter world-leading in the recycling of electronic waste with a capacity of 120,000 tonnes of electronic scrap per year.



### Establishment of battery factory in Skellefteå

In total, the investment is expected to cost over SEK 40 billion and provide up to 2,500 direct jobs.

"Our mission is to build the greenest battery in the world with a minimal carbon footprint and the highest ambitions for recycling to enable the European transition."



**Optronic AB in Skellefteå** is focused on series production on manufacturing products containing electronics or optical measurement technology. We specialize in the production of small and medium-sized series for industrial customers. Our facilities comprise approximately 3,000 square meters of manufacturing equipment adapted to the most demanding industrial segments. Some of the industries we have experience include automation, logistics, medical technology, security, traffic solutions and the agricultural sector