

**THE SWEDISH SECTION FOR DETONICS AND
COMBUSTION**

affiliated with The Combustion Institute



EIGHTS INTERNATIONAL DISPOSAL CONFERENCE (D 8)

and

FIRST PEACE TECHNOLOGY CONFERENCE (F 1)

EKSJÖ, SWEDEN, 5 - 6 September 2016

Hosted by *Swedish EOD and Demining Centre, SWEDEC*

First Circular

and

Call for Papers

Preliminary-Registration WORD Form attached

Current information will be available on

www.sdfsweden.se

You are also welcome to visit SWEDECs website

www.forsvarsmakten.se/sv/organisation/totalforsvarets-ammunitions-och-minrojningscentrum-swedec/

THE SWEDISH SECTION FOR DETONICS AND COMBUSTION (SDF)
 arranges a combined Disposal (D 8) and Peace Technology Conference (F 1)
 at the same venue chosen for D 7 in 2013, namely
 the idyllic World Heritage Town of Eksjö, Sweden, 5-6 September 2016

Environmentally friendly and resource-conserving recovery of material and energy from municipal, industrial and military waste is the main theme of the SDF international disposal conferences. A list of papers presented at the seven conferences held so far – 1997-2013 – can be ordered (www.sdfsweden.se or stru.johansson@telia.com).

The third category is related to demilitarization. In addition to disposal in the first two categories, finding and destruction of landmines, abandoned ammunition, home-made explosives and bombs, etc. is a gigantic safety and security problem in war-ridden areas. More about that in the booklet (that can be downloaded from www.sdfsweden.se) about the “F 0” (“F” for Swedish “Fredsteknik”, Peace Technology) seminar held 1-2 September 2015, the purpose of which was to define specific needs and measures of a much needed “F” series for forcefully furthering “Peace Technology for a Peaceful World”. Since D technique and knowledge is of vital importance for F, we start by combining the D and the (possibly to be) F series. Thus, **we are now soliciting papers on:**

- sustainable disposal and recycling of energetic materials;
- recovery of ammunition, demilitarisation;
- handling of energetic waste in the production of explosive materials;
- remediation of contaminated soil, *e.g.*, in the production or use of pyrotechnic items such as propellants, explosives and others;
- detection of buried ammunition and mines, *e.g.*, construction sites or in conflict zones.
- energy recovery from waste: fuel preparation, burning technique, flue gas cleaning, ash treatment and disposal/material recovery, etc.;
- self-ignition chemistry, case studies, prevention, extinguishing techniques;
- fundamental studies on self-propagating chemical reaction zones. Their creation (ignition), properties, behaviour (*e.g.*, deflagration-to-detonation transition), extinguishing;
- education and training in disposal activities for safe handling of energetic materials.
- detection and handling of personnel mines and buried, unexploded grenades;
- safe handling of abandoned munition;
- small arms survey activity;
- implementations of UN International Ammunition Technical Guidelines (IATG).

Travelling (arrival Sunday afternoon, departure Wednesday morning):

Eksjö is easily accessed from the airports of Copenhagen/Kastrup and Stockholm/Arlanda by train or bus. More information can be found at <http://www.sj.se/>, <http://www.air-bus.se/>, <http://www.flygbussarna.se/> and <http://www.lindbergsbuss.se/>.

Accommodation

Eksjö City Hotel (Stadshotell). Telephone number/mail address for booking;

Tel No. +46 381 13020

Mail Address info@eksjostadshotell.se

Please refer to “D8” for reduced price

Conference Fee

SEK 5500 (approx. USD 650, € 580). An invoice will be sent to Final Registrants. The fee includes lunches and coffee breaks, Sunday evening buffet, Monday conference dinner and the proceedings. Reduced fee for speakers: SEK 4500 (approx. USD 535, € 480).

Please note that SDF is a non-profit organization which means that no VAT has to be added.

Lectures

Participants are invited to present lectures of about 20 minutes length. The conference language will be English.

Abstracts and Full Papers

Manuscripts in digital and editable form (WORD format) shall be sent to Linnea_Krantz@hotmail.com and stru.johansson@telia.com 1 August 2016 at the latest. Full, digital and editable papers to be delivered at the conference.

The proceedings of the conference will be available on DVD and distributed to the participants after the conference.

For further information and questions, please contact members of the organizing committee representing

SDF:

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SWEDEC:

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Registration

A preliminary, returnable (WORD format) Registration Form is attached and also available on the SDF website.

By courtesy of the artist and smith master Therese Engdahl, we will use her master piece “Intention” as a thought-provoking symbol of Peace Technology.

The intention of peace efforts is to symbolically forge swords into plough shares. The “sword” in this case is armour-plate from the German battleship “Tirpitz”, which RAF bombers sank at Tromsø in Norway in November 1944.

