

# Space Passive Components Days 4th edition

"SPCD 2022 at a Glance"

11 - 14 October 2022 ESA\ESTEC Noordwijk, Netherlands

# 238 participants!









# SPACE PASSIVE COMPONENT DAYS SPCD 2022

#### Jointly organized by





















#### Aim of the SPCD Conference



The SPCD international Symposium is the premier technical conference dedicated to Passive components for space applications.

#### EEE passive components for space applications



Capacitors & Supercapacitors



& Couplers



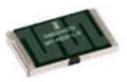
Connectors & Interconnections



Cable assemblies & Harness



Relays & Switches



Resistors



Fuses



Circulators & Isolators



RF switches & Phase shifters



Loads & Attenuators



SAW devices (SAW Filters, etc.)



Crystals & Oscillators



Heaters & Thermal Sensors



Magnetics

## **Aim Of SPCD Symposium**





- promote the discussion of recent developments and trends
- encourage the exchange of technical expertise
- □ share information covering a broad range of EEE passive components for space applications

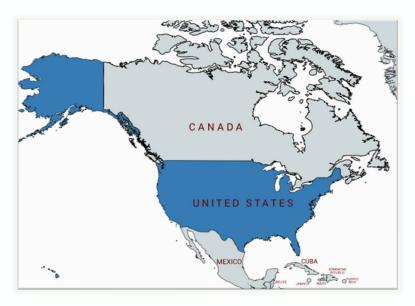
#### **SPCD Events**



#### The SPCD international Symposium is held every two years!

SPCD	Date	Participants	Countries	Туре
1 <sup>st</sup> edition	24 -26 September 2013	212	21	Live
2 <sup>nd</sup> edition	12- 14 October 2016	221	19	Live
3 <sup>rd</sup> edition	9 – 12 October 2018	235	23	Live
	13 -16 October 2020	Event postponed due to the pandemic situation		
4 <sup>th</sup> edition	11- 14 October 2022	239	21	Live

# **SPCD Statistics: International Participation**







#### 29 Exhibitors at SPCD 2022

























































Rosenberger













































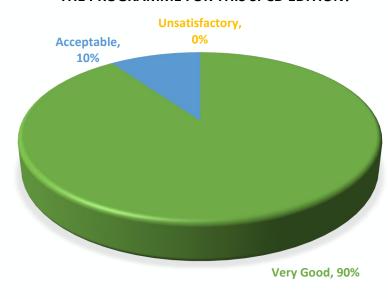




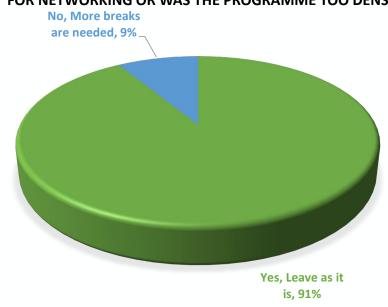
#### FEEDBACK FROM 4th SPCD ATTENDEES



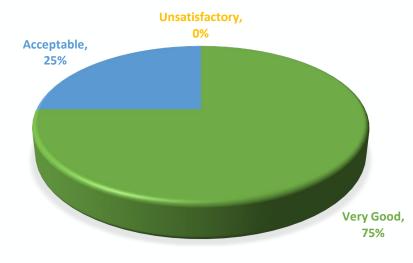
#### Q1-HOW WOULD YOU RATE THE GENERAL STRUCTURE OF THE PROGRAMME FOR THIS SPCD EDITION?



#### Q2-DID THE SPCD 2022 PROGRAMME LEAVE ENOUGH TIME FOR NETWORKING OR WAS THE PROGRAMME TOO DENSE?



#### Q3-HOW WOULD YOU RATE THE QUALITY OF THE PAPERS PRESENTED AT THE SPACE PASSIVE?



"Thank to all organaizers team and all presenters. It was exciting session" S. L. Vzlu

"Always an outstanding event (networking, good talks, music and fun)." BZ Schurter

"great event - thank you!" Airborn

"Thank you for having organizing this event. Congratulations, it

"Thank you for this great event." C&K

was nicely done." JL. C. TAS

"Great seminar with interesting presentation and good specialized audience." N.D. Exxelia

"I was satisfied because there were many interesting topics. I will attend next time." JAXA

"We really feel a positive and constructive atmosphere during

the event." M.D Exxelia

"A big five to the organisation. We have been received like princes:)"

M.B. TAS



## 4<sup>th</sup> SPCD Programme



#### Pre-conference Event:

11 October 2022

- ESCC training course
- EEE Passive Seminar by EPCI/ALTER/SERMA
- ESA Site Tour: Test Centre & Electrical Lab + Space Expo Museum

#### **SPCD Conference:**

12-14 October 2022

- Oral presentations
- Dedicated Poster session
- Technical Introduction of Components (TICs)
- Interactive Panel session
- Private Roadmap session
- Industrial Exhibition (max 30 booths)

#### **Social Events**



#### **Welcome Drink**

Wednesday 12 October 2022 @18h00

Refreshments and Snacks will be served.

#### **Gala Dinner**

Thursday 13 October 2022 @19h30

The aperitif will start as of 19:30, followed by a seated dinner

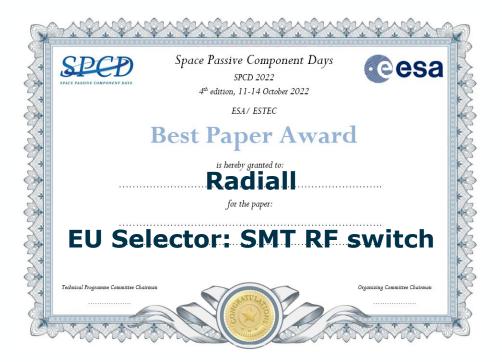




## **Best Paper Award**









Apple iPhone 13
256GB Space Gray

#### **Best Poster Award**









Apple iPad Air 2022

256 GB Wifi + 5G

## **Recognition Award**







European Space Agency

14th October 2022

### Recognition Award

Presented to

# Mrs. Laurence Cosqueric

EEE Parts Engineer and Passive Parts expert at Airbus Defence and Space, for 30 years of Distinguished Service and Valuable Contribution to the space Community.



SPCD Space Fun Challenge: Enigma to solve!

I can orbit But not around the sun

I don't fly But for a ride, I can be fun

You don't have to pay As I cost none

Around Estec, I am the only one!

Answer is: **ORBITER** 



Secrid Wallet

Made in Holland!

esa

## **How Can You Participate in SPCD?**



As a Presenter:

Present a technical paper or a poster by submitting an abstract and choosing your presentation preference.

**Abstract Submission** 

As a Commercial Presenter:

Give a commercial presentation by submitting a Technical Introduction of Components (TICs).

**TIC Submission** 

As a Roadmap Presenter:

Present your company's roadmap to purchasing and supply managers only.

Roadmap Presentation Submission

As an Exhibitor:

Exhibit by booking a booth and promoting your services and components.

**Apply to Exhibit** 

As a Sponsor:

Provide your company with greater visibility by choosing one of the sponsorship packages.

Apply to Sponsor

As a Participant:

Register to the conference and take advantage from the conference presentations, exhibition, networking breaks, welcome drink and the Gala dinner.

Register

Register