

REMOTE COLLABORATION IN RESEARCH & ENGINEERING

Start: 10 o'clock
October 6, 2020

ESI WEBINAR DAY

An initiative of industry, academia and TNO



WELCOME TO THE FIRST WEBINAR AROUND REMOTE COLLABORATION



Laura van Veen
ESI (TNO)



Hans Onvlee
ASML



Sjirk Boon
Philips

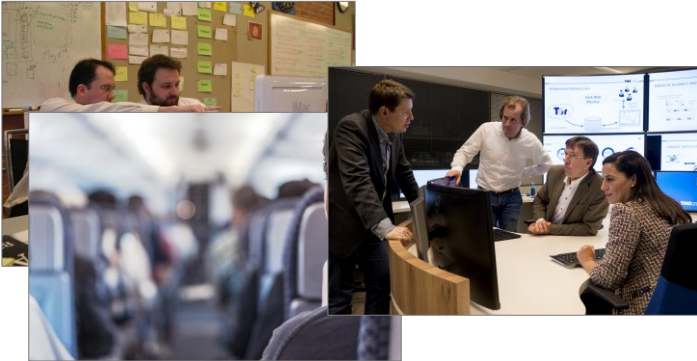
REMOTE COLLABORATION IN RESEARCH & ENGINEERING – PROGRAM

Moderator

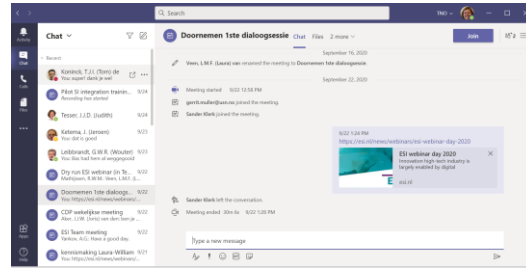
Laura van Veen, ESI

10:00	Opening Introduction	Wouter Leibbrandt, ESI (TNO) Laura van Veen, ESI (TNO)
10:15	Augmented Reality at ASML, the role of Corona and Trust	Hans Onvlee, ASML
10:35	Introduction of a virtual presence tool for interventional cathlabs: Collaboration Live	Sjirk Boon, Philips IGT-S Clinical Science
10:55	Dialogue	3 themes: impact, security, skills
11:30	Webinar café	Informal discussion

TIMELINE COVID-19 REGARDING COLLABORATION



Travel, f2f meetings, preferably work from the office



Alleged first COVID-19 case in NL

Preferably work from home
Advice to province Noord-Brabant



Blend, what will stay?

pre-COVID

February 27, 2020

March 9, 2020

Post-COVID

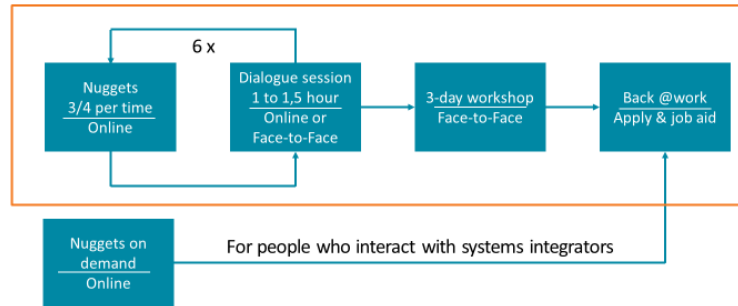


Credits: <https://www.flickr.com/photos/thms/385971585/>

Credits: Sites of the collaborative tools

ESI EXAMPLE: ONLINE LEARNING (WITH A BLEND)

OVERVIEW SYSTEMS INTEGRATORS LEARNING TRACK



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Systems integration process & positioning

Viewed by 26/12/2017
15 min

Video summary:

Integration shouldn't be seen as a step in a sequenced plan, yet something that is concurrently there right from the beginning. You need two different kinds of mindsets: on the one hand test to fail early, after the integration you should test for verification & validation and is much more rigid and solid.

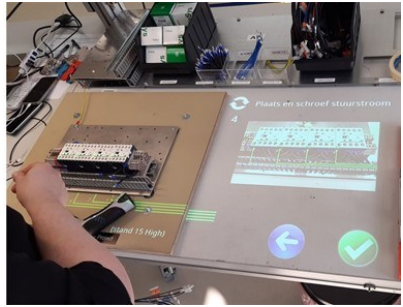


Links

NUGGET DIALOGUE

- 1 Main message by you added with wisdom of the crowd
 - Main messenger: ...
- 2 Questions, anecdotes & hot spots
- 3 Wrap up & summary of nugget
 - Summarizer: ...

TNO RELATED RESEARCH INTERESTING FOR EXPLORING

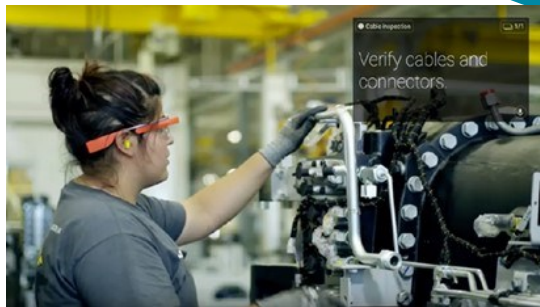


Augmented reality support
Unit: Healthy living, Human centered technology @work

TNO research on remote collaboration



Technology: Photorealistic collaboration
Unit: ICT, networks



AUGMENTED REALITY AT ASML, THE ROLE OF CORONA AND TRUST

Hans Onvlee
ASML

October 6, 2020



INTRODUCTION OF A VIRTUAL PRESENCE TOOL FOR INTERVENTIONAL CATHLABS: COLLABORATION LIVE.

Sjirk Boon

Philips IGT-S Clinical Science

October 6, 2020



IDENTIFIED CHALLENGES OF BOTH CASES

TRANSPARANCY

SECURITY

USABILITY

IMPACT

RELATION

TRUST

SKILLS

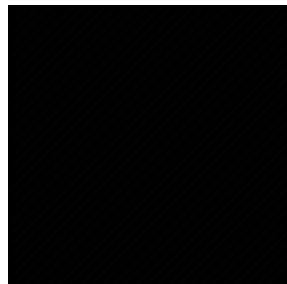
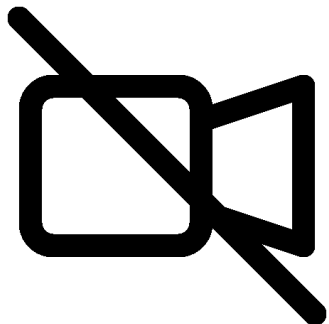
TECHNOLOGY

DIALOGUE 3 COMMON THEMES



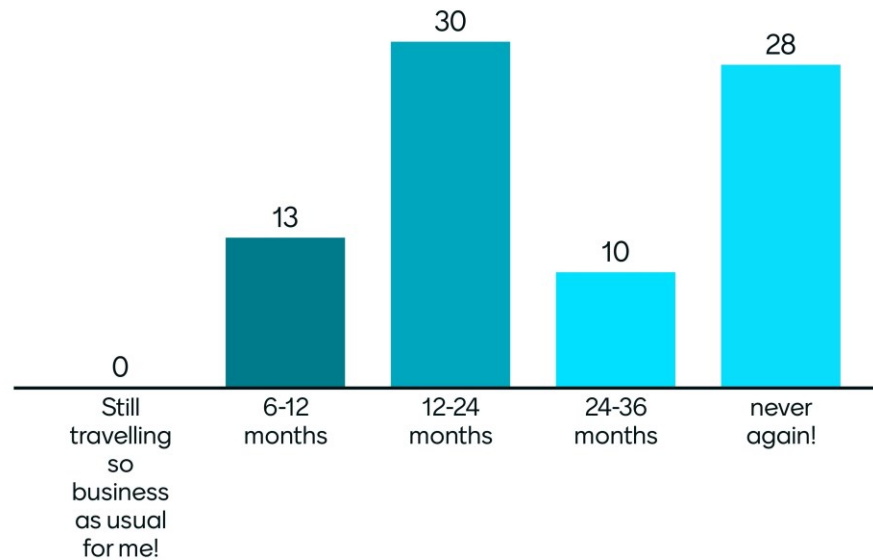
WAY OF WORKING DURING DIALOGUE

- Selection of questions to start up the dialogue
- Please raise your hand to participate in the dialogue
- When you will be given the floor, then please switch on your camera and microphone
- This part of the webinar will **not** be recorded.



MENTI QUESTION

When do we get back into airplanes for business 'as usual'?



81



DIALOGUE QUESTION: IMPACT

What will be the long-lasting impact of COVID-19 regarding remote collaboration?

DIALOGUE QUESTION: SECURITY

What are the challenges for you regarding exchanging data (cyber security)?

DIALOGUE QUESTION: CHANGING SKILLS

What changed from
instructing /
teaching face-to-
face to remote for
trainers and
experts?

ADDITIONAL DIALOGUE QUESTION: TRUST

How do you
gain trust
remotely with
people you have
never met?

PLEASE GIVE A BIG APPLAUSE TO SJIRK BOON & HANS ONVLEE



THANK YOU!

Questions? Contact me directly via laura.vanveen@tno.nl

Webinar 2

13h30-15h00: MBSE – adoption and added value

Webinar 3

15h30-17h00: Intelligent diagnostics

ESI symposium April 20, 2021

www.esi.nl

THANK YOU FOR YOUR ATTENTION LET'S CONTINUE IN THE WEBINAR CAFÉ



ESI symposium April 20, 2021

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