






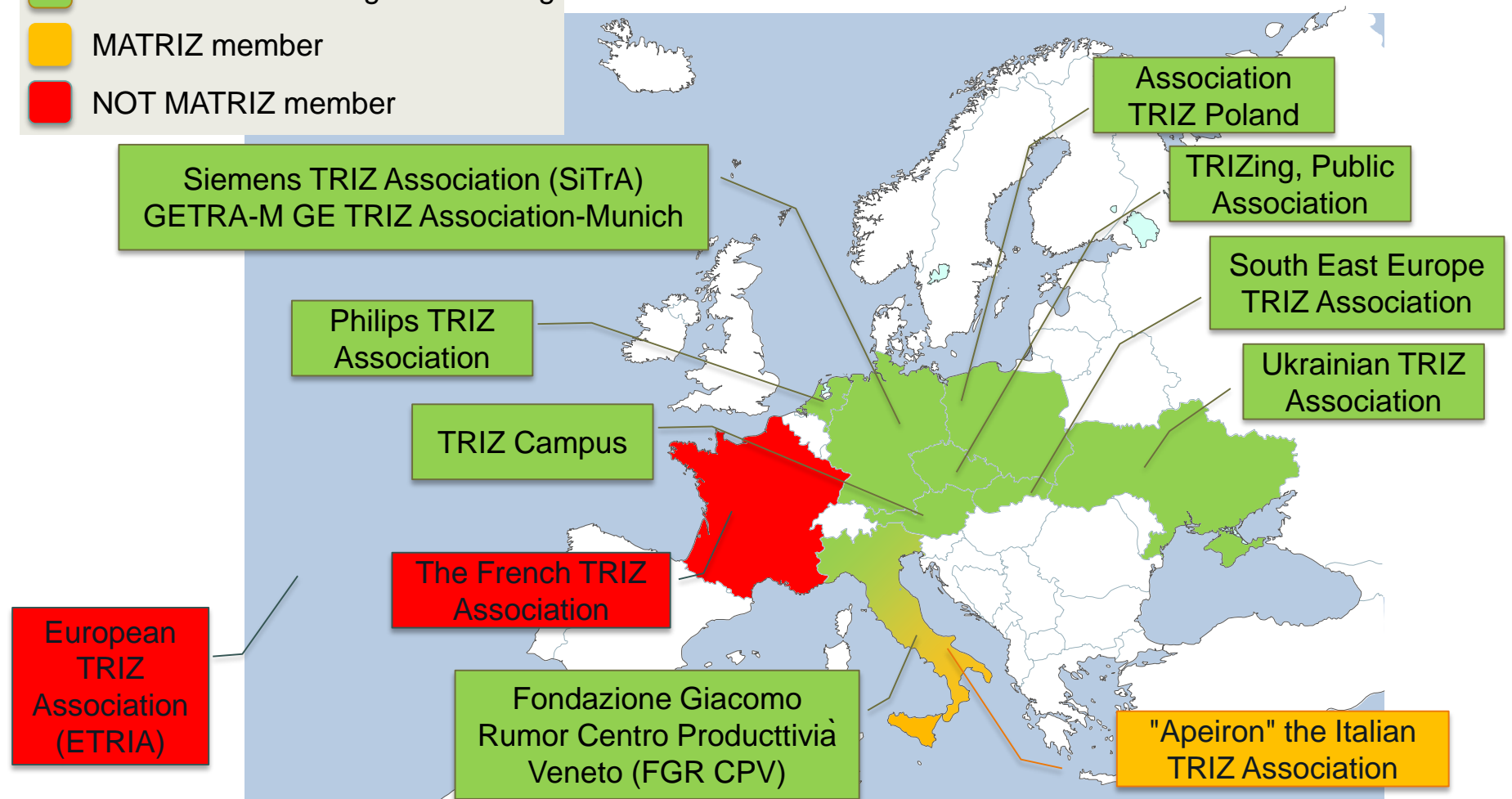
Bild: iStockphoto / 04-05-13 © laflor

## Present Situation of TRIZ in Europe

15th Symposium of the Japan TRIZ Society  
September 5-6, 2019 in Tokyo  
Dr. Robert Adunka,

# European TRIZ Associations

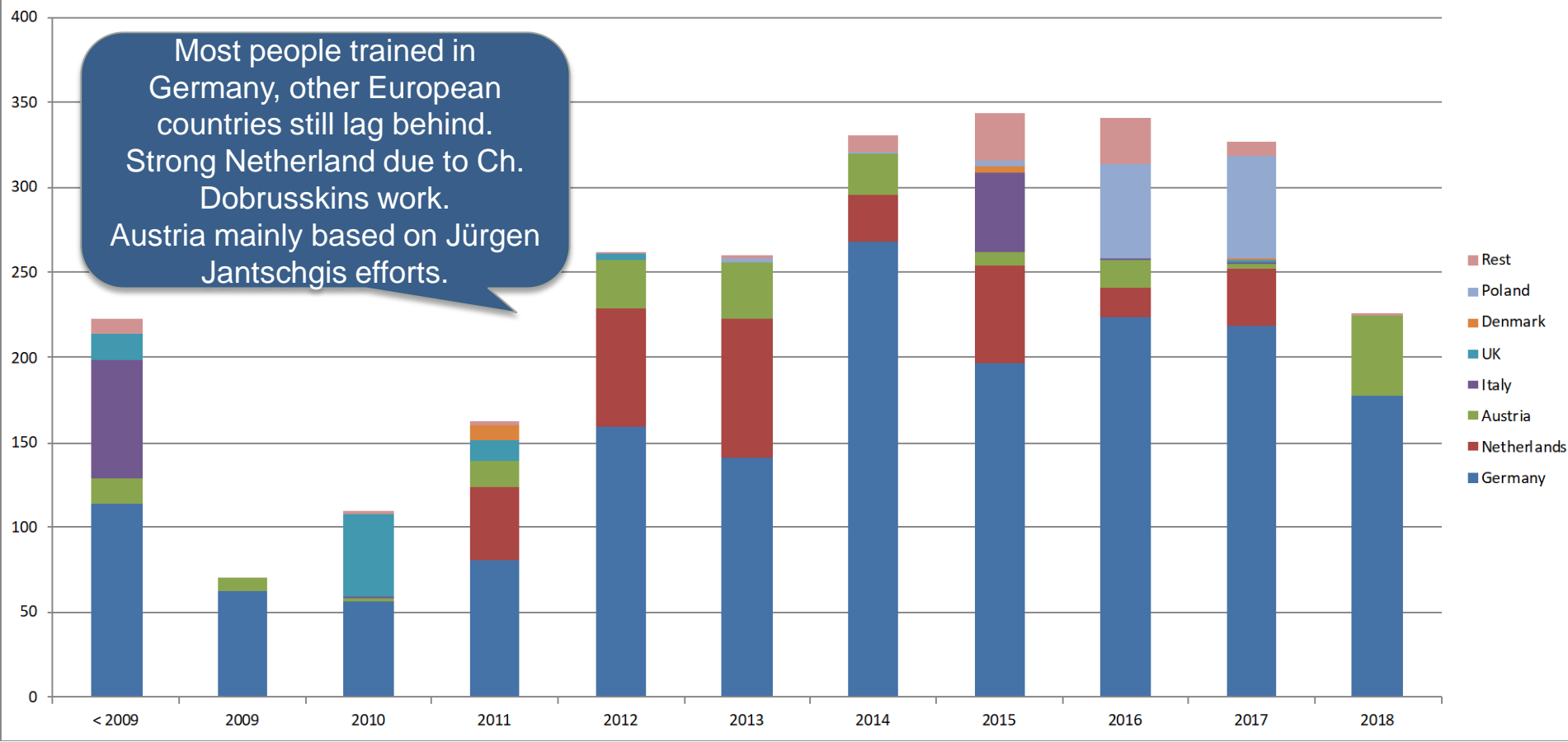
-  MATRIZ member in good standing
-  MATRIZ member
-  NOT MATRIZ member



# Certificates in Europe, Level 1

## Level 1 Certificates in Europe, 3.7.2019

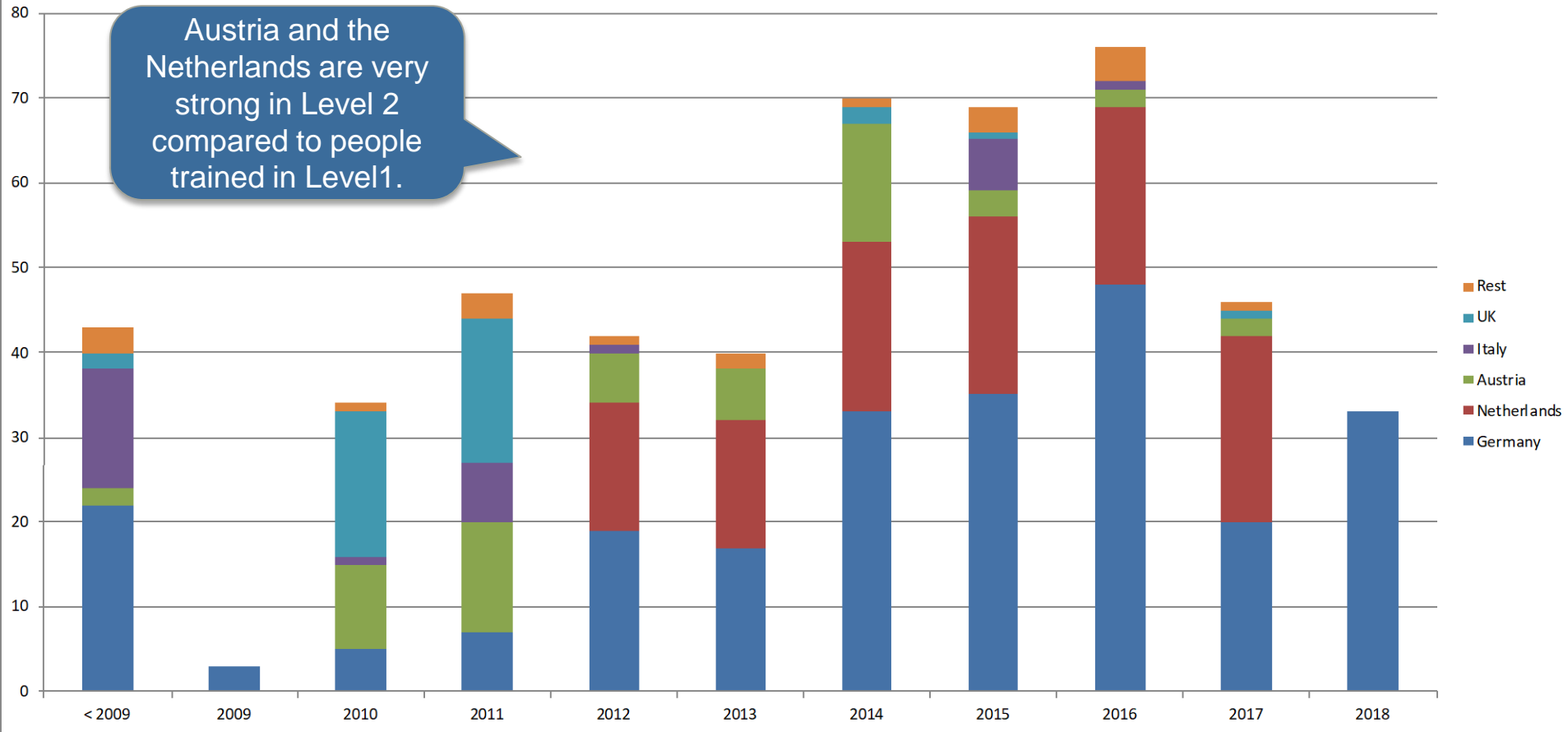
Most people trained in Germany, other European countries still lag behind. Strong Netherland due to Ch. Dobruskins work. Austria mainly based on Jürgen Jantschgis efforts.



# Certificates in Europe, Level 2

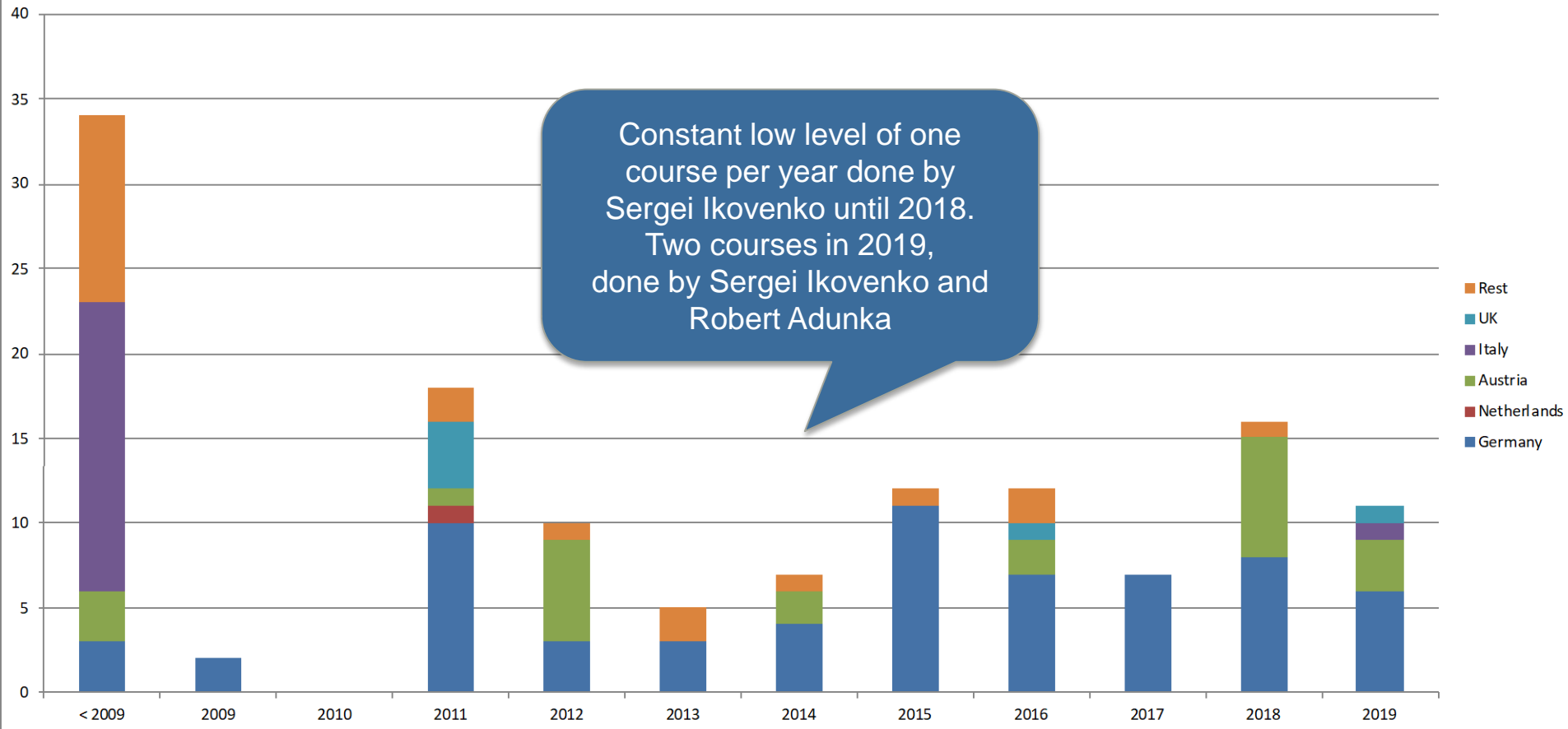
### Level 2 Certificates in Europe, 3.7.2019

Austria and the Netherlands are very strong in Level 2 compared to people trained in Level 1.



# Certificates in Europe, Level 3

### Level 3 Certificates in Europe, 3.7.2019



# VDI-Guideline 4521 – Part 1, 2 and 3

- VDI-Guideline Part 1 and 2 are now official available:  
Part 1 since April 2016 as valid version, Part 2 since April 2018
- VDI-Guideline Part 3 should be available as a draft version in September 2019.
- There were many papers published on this topic by Prof. Kai Hiltman

ICS 01.040.03, 03.100.40

## VDI-RICHTLINIEN

April 2016

VEREIN  
DEUTSCHER  
INGENIEURE

Erfinderisches Problemlösen mit TRIZ  
Grundlagen und Begriffe  
Inventive problem solving with TRIZ  
Fundamentals, terms and definitions

VDI 4521  
Blatt 1 / Part 1

Ausg. deutsch/englisch  
Issue German/English

# First Polish TRIZ Conference in October 2015

**Dr Sergey Yatsunenکو (Organizer):**

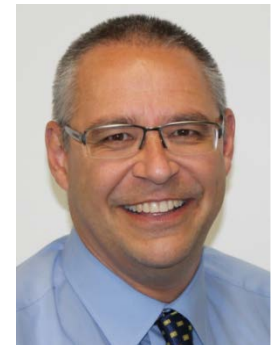
The main idea of this event is to present TRIZ to the Polish market as a powerful methodology and at the same time as a powerful tool for everyday usage.

On 15. / 16. October 2015 the TRIZ kick-off for the Polish TRIZ association took place in Kielce (200 km south of Warsaw, Poland). Dr. Simon Litvin handed over the official certificate from the MATRIZ organization and thus opened the conference. The conference included a set of invited speakers that gave the audience of ~ 120 people an introduction to TRIZ and laid out several application examples. The value of TRIZ in terms of effectiveness, combination with other tools and applicability in different technology areas like chemistry, mechanics, electronics, etc. was demonstrated by TRIZmaster Oleg Abramov. Finally the implementation of TRIZ, especially in small and medium size enterprises was discussed.

The conference as well included a round table discussion, where the attendees discussed first amongst themselves questions they had and then presented them to a panel of experts for discussion.

Novismo was the organizing company for the event and managed to set up a great event that took place at the same fair as a parallel local innovation event. By this the conference was given a great adjacent flair to promote TRIZ in Poland.

Oliver Mayer, GE Global Research, Munich



## TRIZ Anwender 2015

July 23, 2015; Waidhofen an der Ybbs, Austria  
1 day with over 60 participants



A glance into the auditorium (Jürgen Jantschgi, Silvio Näther and Achim Schmidt, Continental Automotive) with the "NICE-Wall" (Jens Jacobsen) on the right side

The winners of the MATRIZ students award with the organizer Jürgen Jantschgi and the official MATRIZ representative and TRIZ Master Robert Adunka





# 21<sup>st</sup> Leibniz Conference 2016

## 21<sup>st</sup> Leibniz Conference: “The Developments of TRIZ”

November 24-25, 2016

Lichtenwalde, Germany

2 days, 30 participants

Organized by the Leibniz Institute for Interdisciplinary Studies (mainly driven by Justus Schollmeyer) in collaboration with TRIZ Campus, GETRA-M and the TRIZ Consulting Group



# 1<sup>st</sup> TRIZ Conference in Slovenia 2016

## 1<sup>st</sup> TRIZ Conference in Slovenia

October 14, 2016

Ljubljana, Slovenia

1 days, over 40 participants

Organized by  
South East European TRIZ society  
(SEE TRIZ) –  
mainly driven by Matej Hohnjec



## TRIZ Day 2017 within the Innovation Congress November 16, 2017 Villach, Austria

Organized by the  
Institute for Innovation and  
Jürgen Jantschgi



The winners of the MATRIZ students award  
holding their certificates:

- Thomas Pacher und Tim Steinmann (left)
- Christian Gebhard (right)



# German TRIZ practitioner day 2018

**TRIZ Anwender 2018**  
**July 17, 2018**  
**Heilbronn, Germany**

Over 100 participants

Organized by Bayern Innovativ, IHK Heilbronn-Franken, IHK Reutlingen, TRIZ Consulting Group



The winners of the MATRIZ students award holding their certificates:

- Laura Lindemann (not at the conference)
- Tobias Finkenzeller (middle)
- Alex Lobanov (right)



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2018-10-29 / 2018-10-31

Strasbourg, France



## Appointment:

1x per month, usually the last Friday of the month; 9-16 o'clock

## Participants:

18 participants from 10 companies, IHK organiser, moderator

## Topics:

- Optimization of the printing unit (Heinz Walz GmbH)
- Ensuring emergency release for wheelchairs (Alber GmbH)
- Child-resistant toilet basket (Buck Service GmbH)
- Optimization of the end product quality in sewage sludge pyrolysis (Kopf SynGas GmbH & Co. KG)
- Analysis of problems during the transport of guide wires (EPflex Feinwerktechnik GmbH)
- 2 projects with secrecy under exclusion of the respective competitor in the group (Erbe Elektromedizin GmbH, BOWA electronic GmbH & Co. KG)
- Heat dissipation with electronic assemblies (AVAT Automation GmbH)
- Future of WC cleaning (Buck Service GmbH)
- thru axle e-fix (Alber GmbH)



# 2nd European Remote TRIZ Workshop

## 2nd European Remote TRIZ Workshop

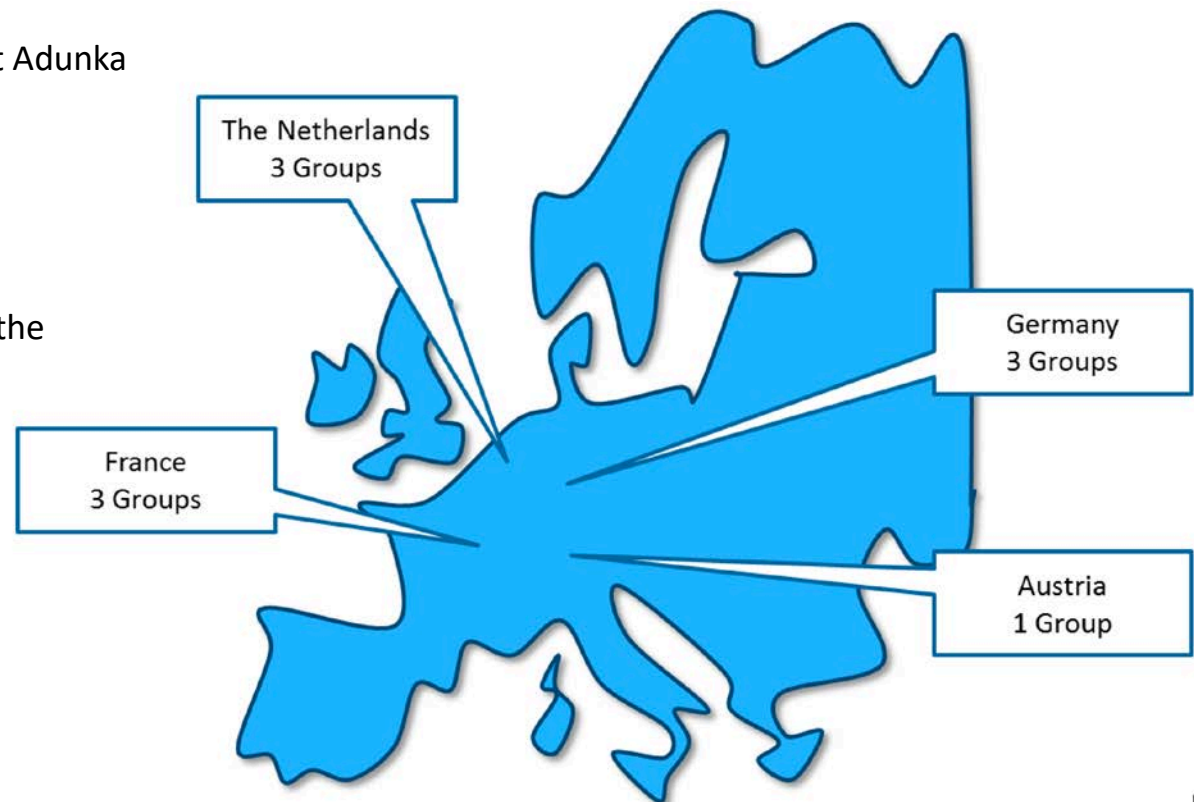
January 20, 2017

Different locations all over Europe

Organized by GETRA-M and Dr. Robert Adunka

For details see report of  
Christoph Dobrusskin:

Report on the 2nd European  
Remote TRIZ Workshop was given on the  
TRIZfest-2017 in Krakow, Poland.



## 3rd (European) Remote TRIZ Workshop

June 14th, 2019

Different locations all over Europe, India and China

All participating groups are getting a book from MATRIZ as a thank you for their participation

For details see report of

C. Dobrusskin, P. Sire and J. Cooke:

Will be given on TRIZfest-2019 in Heilbronn, Germany



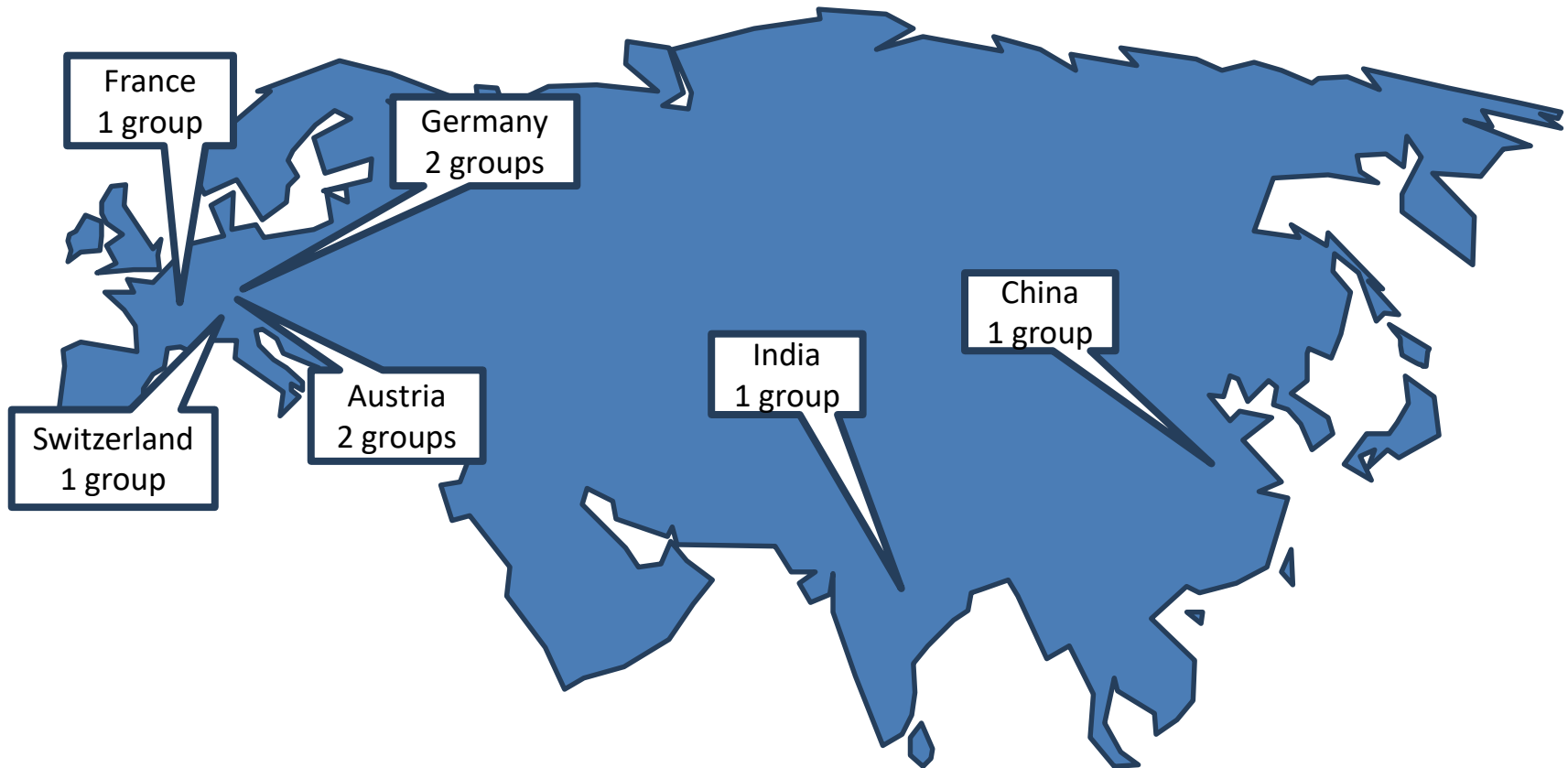


# Problem description

How to reduce the environmental footprint of chocolate eggs that include a plastic toy (this example is from a famous European brand) without losing the attraction that this product has to children.



# 3rd (European) Remote TRIZ Workshop



Regular teaching of TRIZ way of thinking for secondary education in Eindhoven and surrounding. This includes participation in conferences, as well as the teaching of pupils and teachers.

Book publication (end 2019) for TRIZ for schools in Dutch

Supporting the World Intellectual Property Organization (WIPO)

in teaching TRIZ based problem solving skills to children in order to support IP activities in the future.

Regular skype calls with interested parties on TRIZ for schools with international participation

(if interested please contact me at: [cdobruskin@gmail.com](mailto:cdobruskin@gmail.com))



# 1st German TRIZ-BarCamp

March 2018, 25 Participants from different Backgrounds (TRIZ-beginners and –users, various industries)

Sponsored by MATRIZ and VDI

3 parallel streams with 11 sessions covering different topics (e.g. wearable defibrillator, removing plastic waste from oceans, innovations for finance companies), using different TRIZ approaches



## Conclusions:

BarCamp format highly able to tackle problems in short timeframes

Sessions need moderator and a „game plan“

Self-organization and engagement from participants is mandatory, thus fostering an „agile mindset“

Paper about the BarCamp has been entered for TRIZfest 2019



## Contact:

[www.triz-akademie.de](http://www.triz-akademie.de)

[bg@strategieinnovation.de](mailto:bg@strategieinnovation.de) / [naehler@c4pi.de](mailto:naehler@c4pi.de)





KEEP ON DOING

DO

TRY

IDEA

**SUCCESS**



With TRIZ, you can!

Success stories from Europe

## **TRIZ** *or*

### ***How we learned to stop worrying and love the conflict***

*The Story of a present Innovation*

Mag. Martina UNSELD

Dr. Roland WALDNER

TRIZ Day | 16th November 2017

Innovationskongress Villach



Mag. Martina Unsel  
Consumer Expert @ Advanced Development  
& Patents



Dr. Roland Waldner  
Leader Advanced Development & Patents

»

# PROCESS INNOVATION FOR PACKAGING OF COOKIES AND PASTRIES

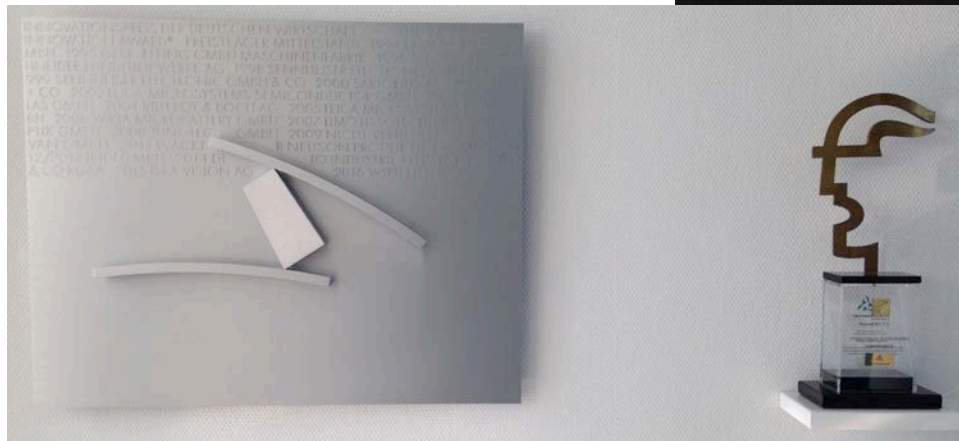
Michael Graf, Director Consulting  
Schubert-Consulting  
a Unit of Schubert-Packaging-Systems GmbH  
74564 Crailsheim, Germany

17<sup>th</sup> July 2018  
Heilbronn





**WITTENSTEIN**



2016  
Innovationspreis der  
deutschen Wirtschaft

2015  
HERMES  
AWARD