

myFRAM: an IT open tool to support the application of the FRAM

12th FRAMily meeting & workshop
Cardiff (Wales) – 11/13 June 2018

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Traditional FRAM

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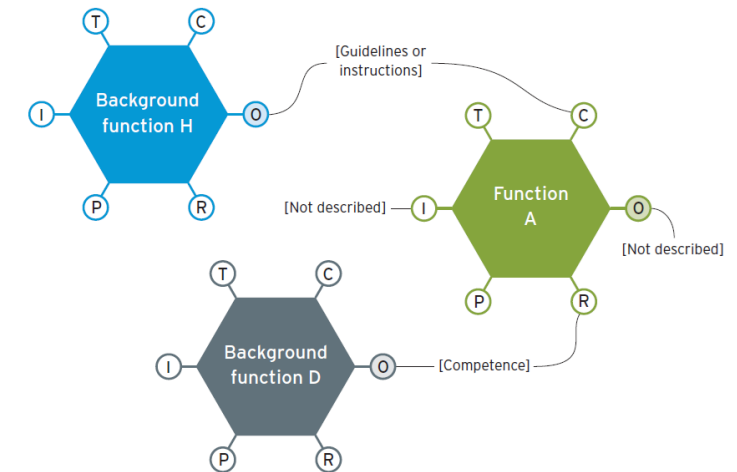
Developing a system safety analysis of the manufacturing operations

FRAM principles

- Equivalence of successes and failures
- Approximate adjustment
- Emergence
- Functional resonance

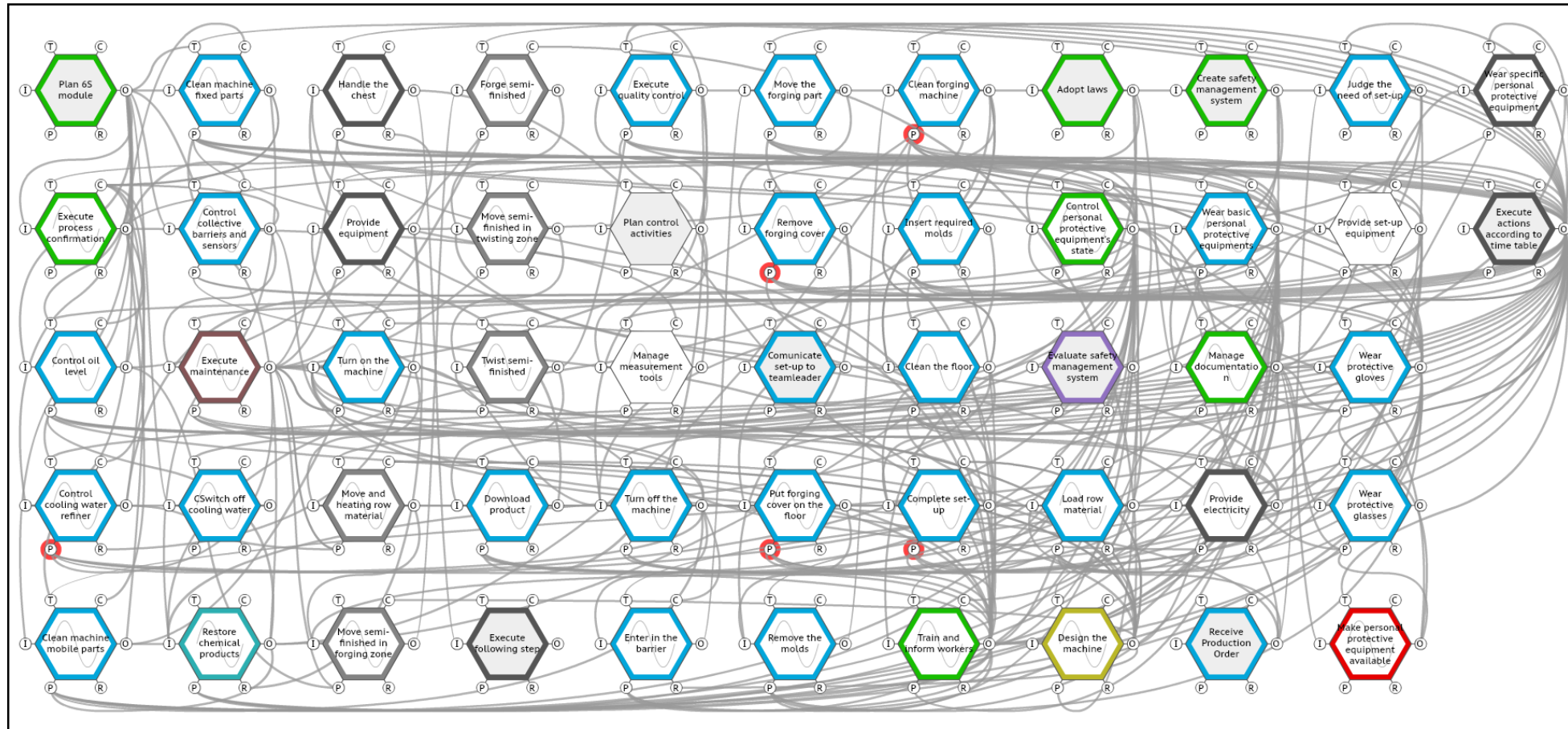


adopting a resilience-oriented method: the FRAM



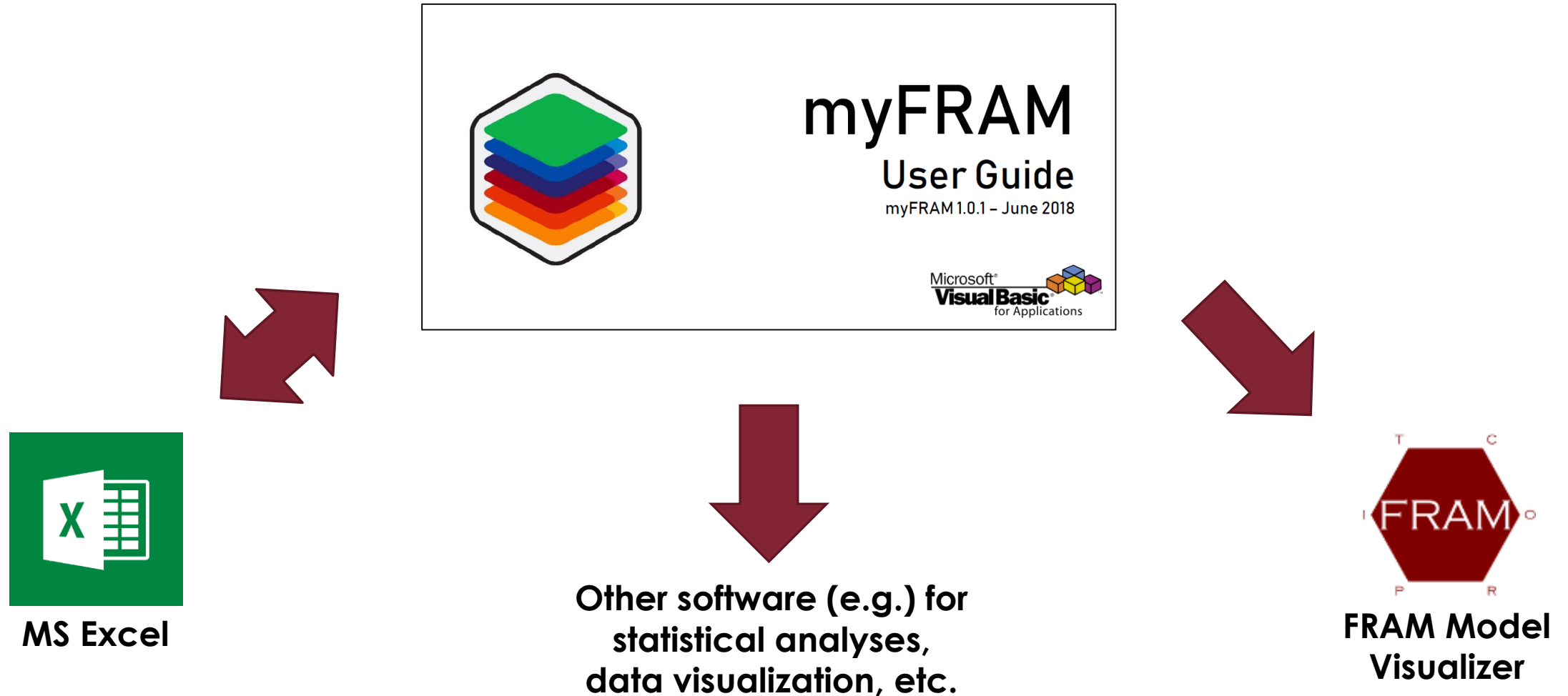
It can become messy...

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myFRAM: concept design

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How to start myFRAM?

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myFRAM

myFRAM is an open tool - released freely by Sapienza "Industrial System Engineering" research group - to support the applicability of the FRAM (Functional Resonance Analysis Method) for socio-technical system analysis, in line with the principles of Resilience Engineering.

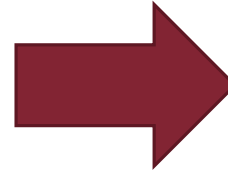
myFRAM design has been coordinated by Riccardo Patriarca (postdoc Researcher), supported by Francesco Costantino (Assistant Professor) and Giulio Di Gravio (Associate Professor).

myFRAM will be officially released during the **12th FRAMily meeting and workshop** - Cardiff (11-13 June 2018).

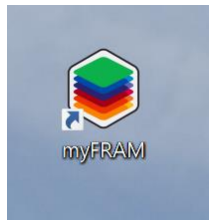
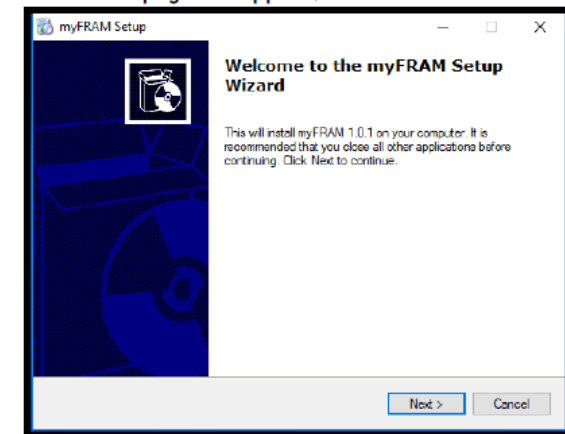
myFRAM User Guide and setup files will be uploaded here soon after the conference.

In the meantime, have a look at our conference paper describing myFRAM concept, available in [IEEE Library](#).

Several students contributed to early versions of myFRAM: Lorenzo Bocca (MSc); Andrea Salvatore Colucci (MSc); Valerio Cozzone (BSc); Andrea Falegnami (PhD stud); Francesco Neri (MSc); Isabelle Pietroletti (MSc); Flavio Princiotta (BSc).



Fill in the form at the end of the page
(we will use your data for usage statistics
and to update you about myFRAM updates)



<https://sites.google.com/uniroma1.it/resilienceperspectives>

(myFRAM 1.0.0 is free to has been officially released on June 2018, 18th)

myFRAM: it is completely free

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EULA: freely usable

not to be sold in its original or repackaged form

If you use myFRAM for your FRAM analysis, please give credit to our work citing our conference paper about myFRAM design and concept idea:

Patriarca, R., Di Gravio, G., Costantino, F., "myFRAM: An open tool support for the functional resonance analysis method," *2017 2nd International Conference on System Reliability and Safety (ICSRS)*, Milan, 2017, pp. 439-443.
doi:10.1109/ICSRS.2017.8272861

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