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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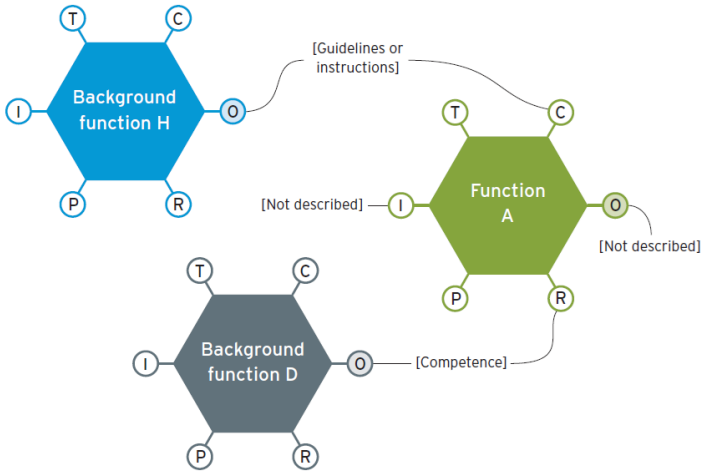
Developing a system safety analysis of the manufacturing operations

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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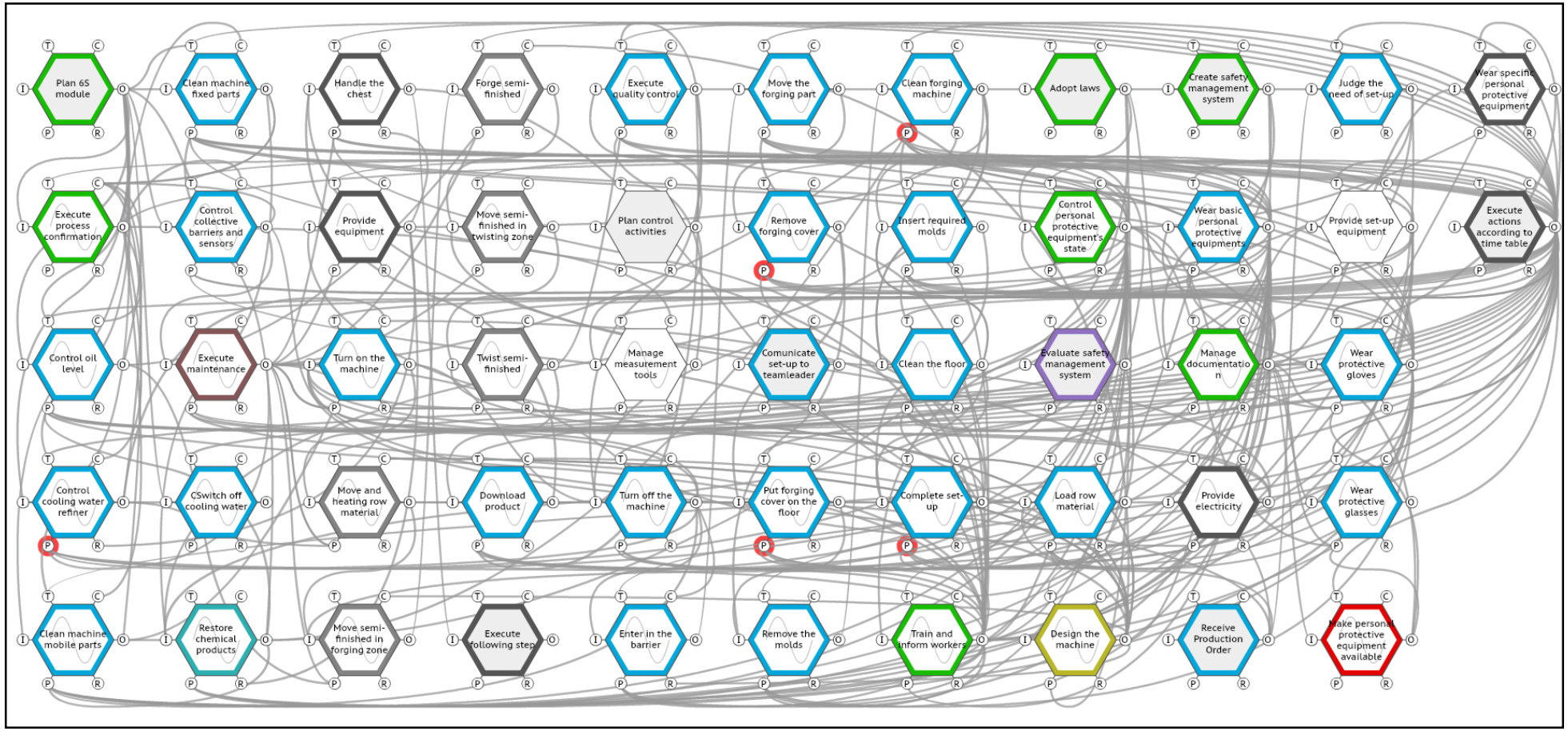

myFRAM: concept design

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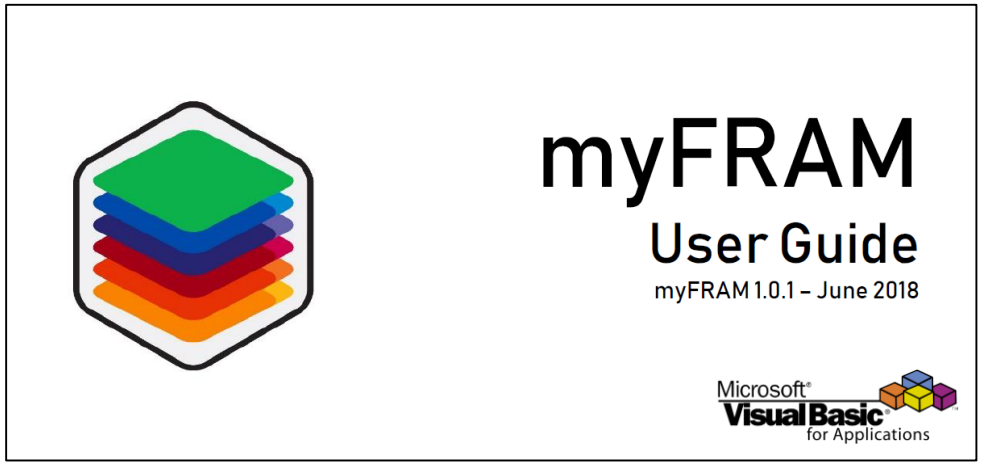

MS Excel

Other software (e.g.) for statistical analyses, data visualization, etc.

FRAM Model Visualizer

How to start myFRAM?

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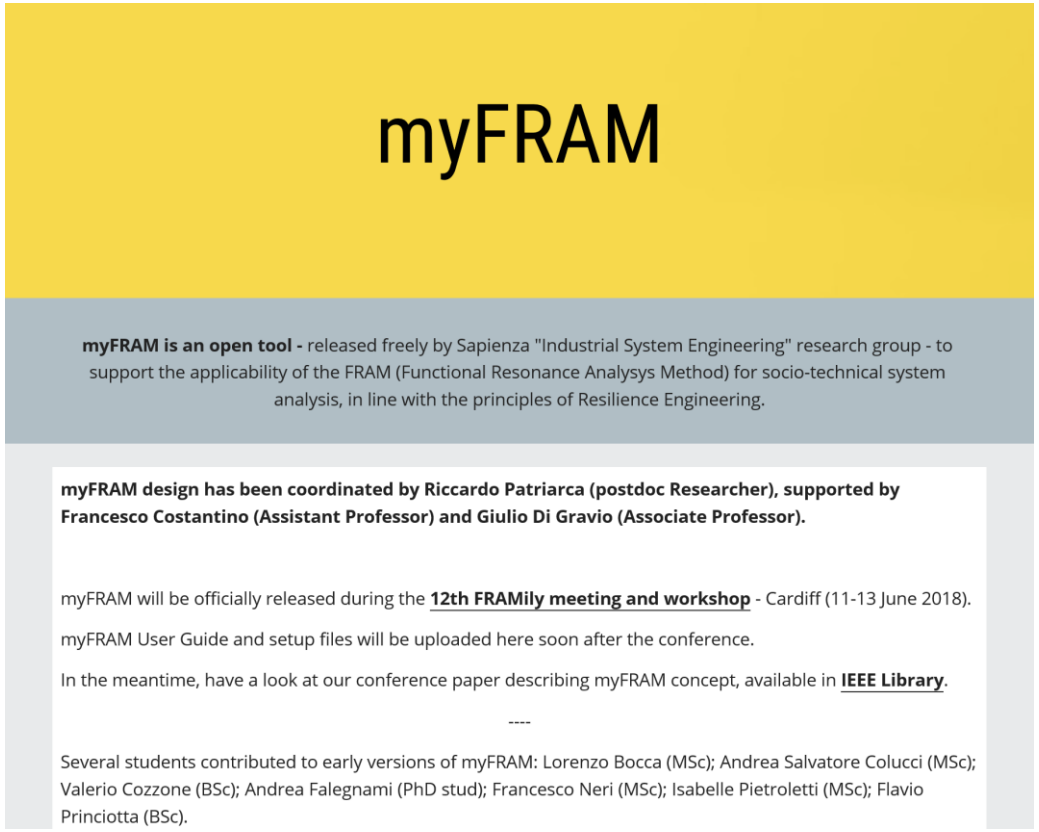
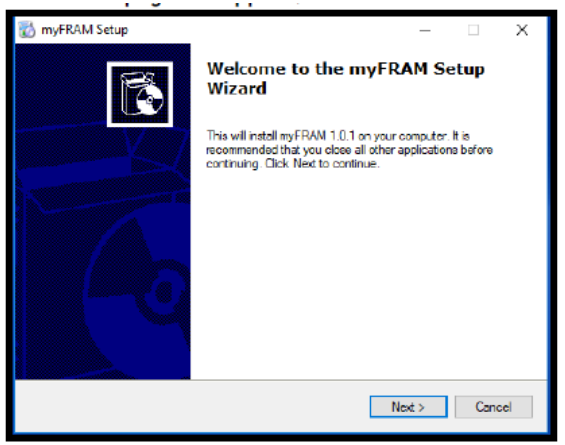


Fill in the form at the end of the page
(we will use your data for usage statistics
and to update you about myFRAM updates)



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

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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