Disseminating TMs

R. Guerraoui, EPFL
(1) Disseminating TM systems

(2) Disseminating TM ideas
(1) TM systems

a. Impose TMs

b. Make TMs popular
1.b. Make TMs popular

Respect users

Weaken transactional models

Composition
2. Disseminating TM ideas

First class theoretical citizen
First class theoretical citizen

What safety?

What liveness?

What complexity?
Software Transactional Memory: Why is it only a Research Toy (CACM 2009)

C. Cascaval, C. Blundell, M. Michael, H. Cain, P. Wu, S. Chiras, S. Chatterjee
Why STM can be more than a Research Toy (CACM 2010)

A. Dragojević, P. Felber, V. Gramoli, R. Guerraoui