





ISMA - UCBL - INNO - KT

11-12 December Workshop (SUCCESS FP-7)

Round Table

Many activities with a single goal!

The goal: a single wide project design







New project skeleton and umbrella

Mutual physical idea and ability to upscale physical model is the core for the <u>project skeleton</u>

Multi country (scientific centers), interdisciplinary and Europe priority orientation is the base for <u>project</u> <u>umbrella</u>







- 1. General questions, the goal approval
- 2. What we have to know for new EC application
- 3. Physical model; criticism and comments
- 4. Our experimental capabilities
- 5. Formal claims and satisfaction to EC policy
- 6. Next steps plan, meetings, promotion







Current meeting main decision (before criticism) (Four YES decision need...

Questions we have to reply to our self at first and in project secondly

- Is new idea good enough to upscale scintillation model to higher level?
 YES 1
- 2. Can we properly plan the list of experiments? Can we add some more ideas if necessary? YES 2
- 3. Are we sure that can (all together) resolve all problems? Do we have enough resources and capacity? YES 3
- 4. Do we have a goodwill to take a part in new consortium?







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What we have to keep in mind:

Olga Kiffer (INNO)

* Strategic agendas in NMP and possible collaboration topics

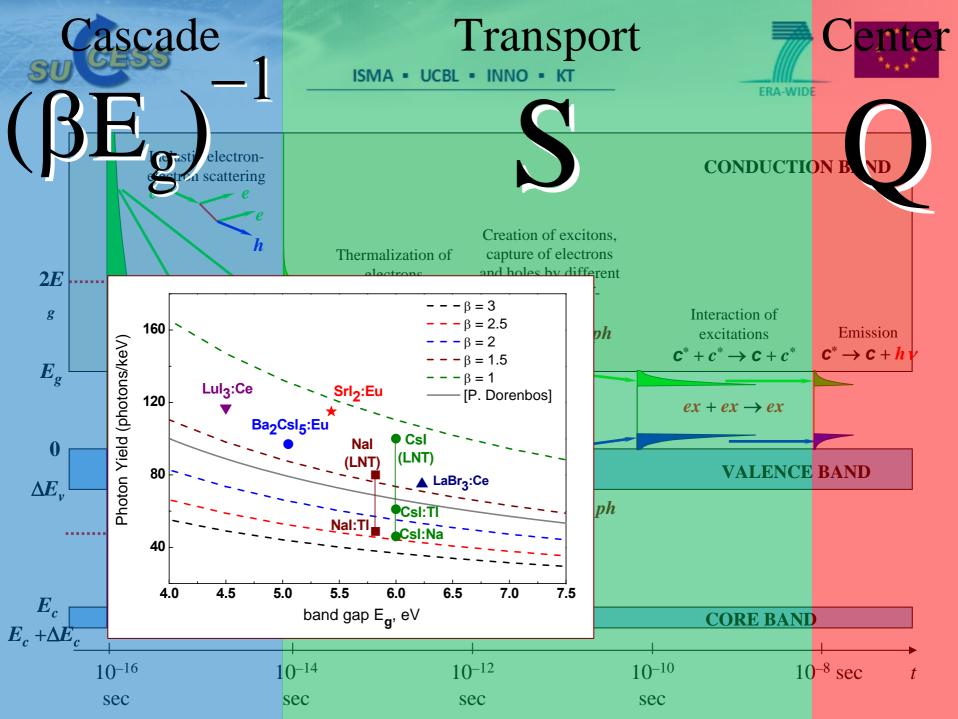
** SUCCESS FP7 exit strategy with respect to the outcomes of the Day 1 discussion

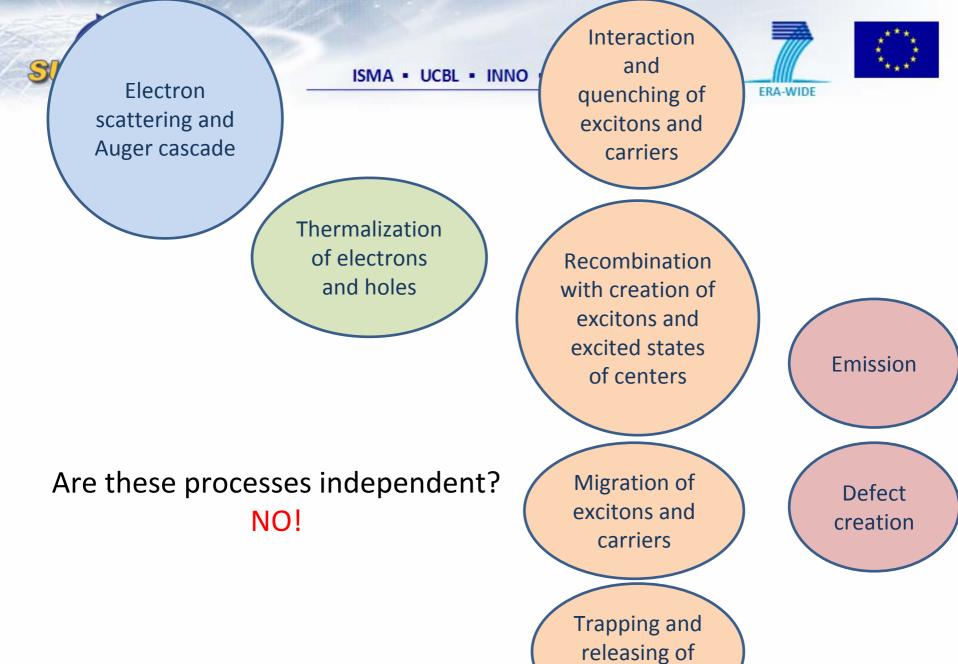




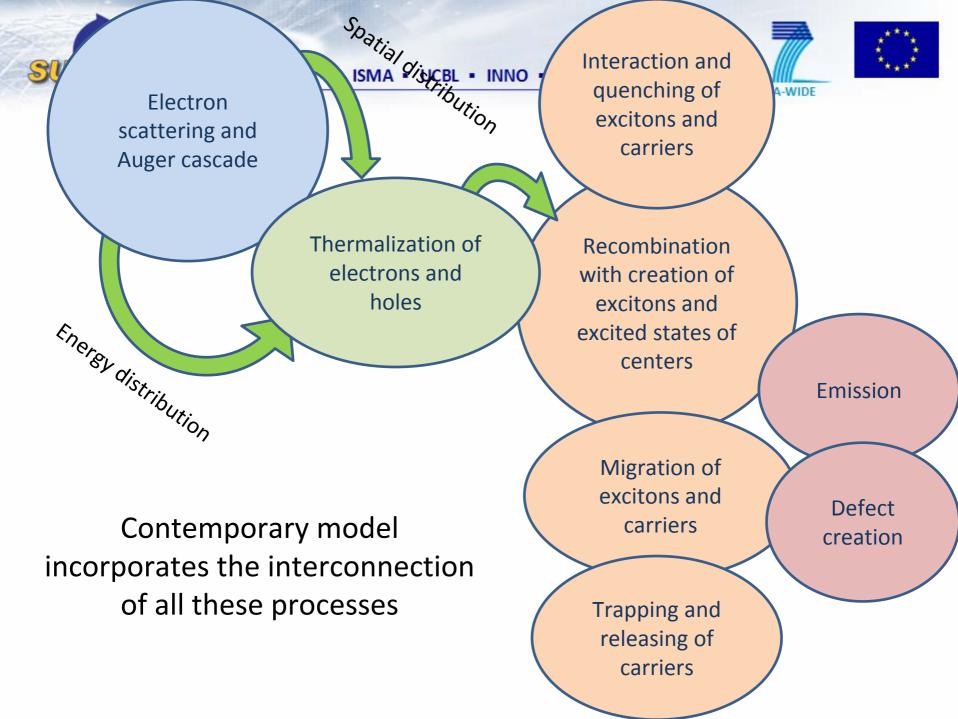


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carriers

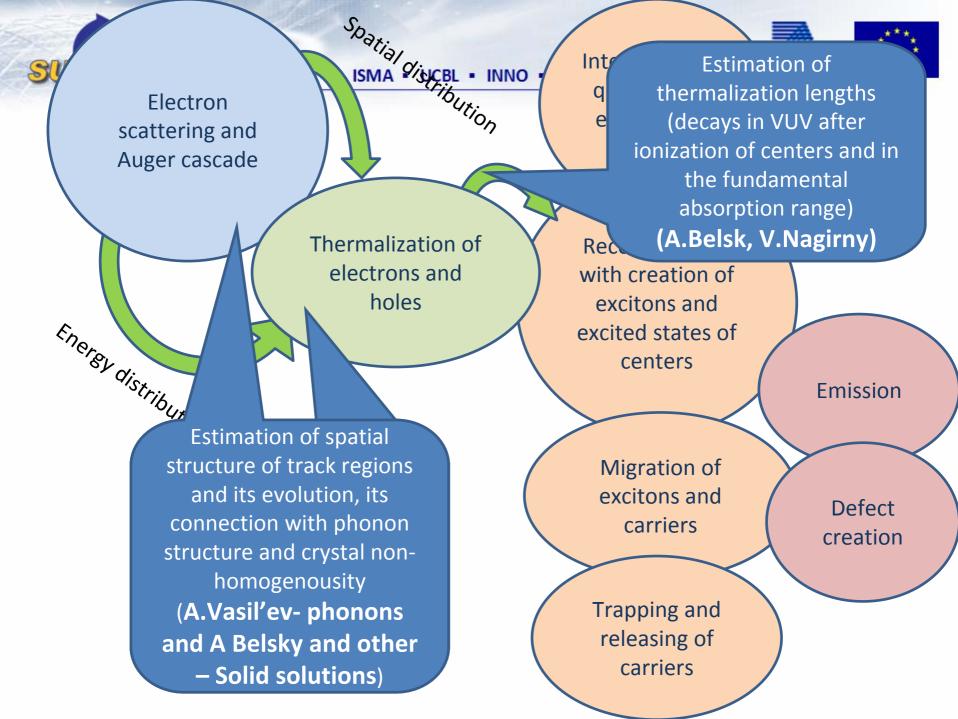


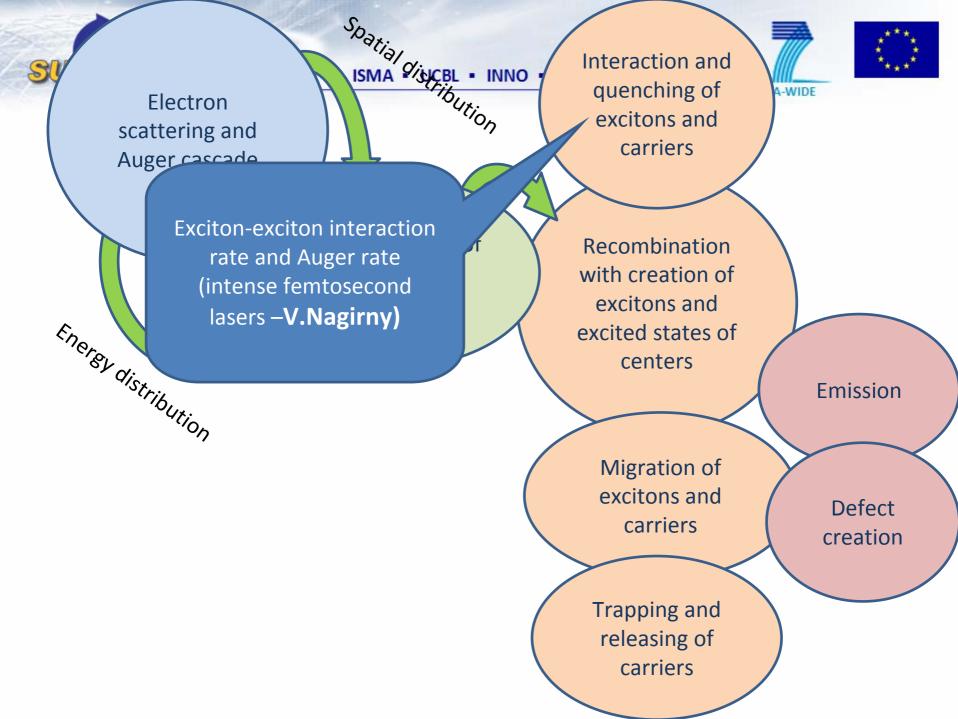


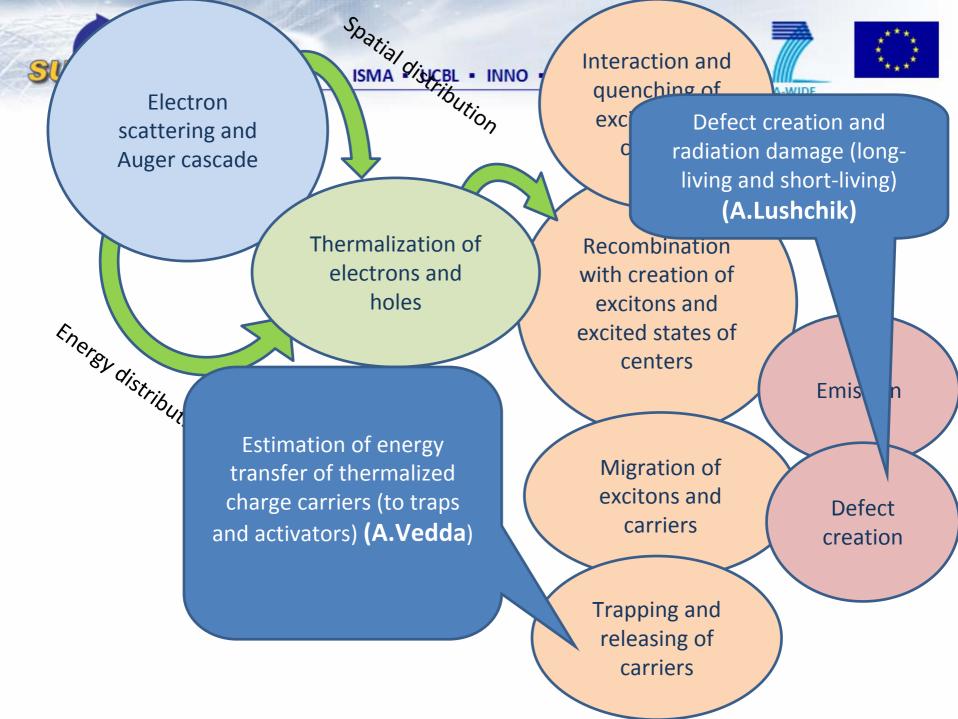


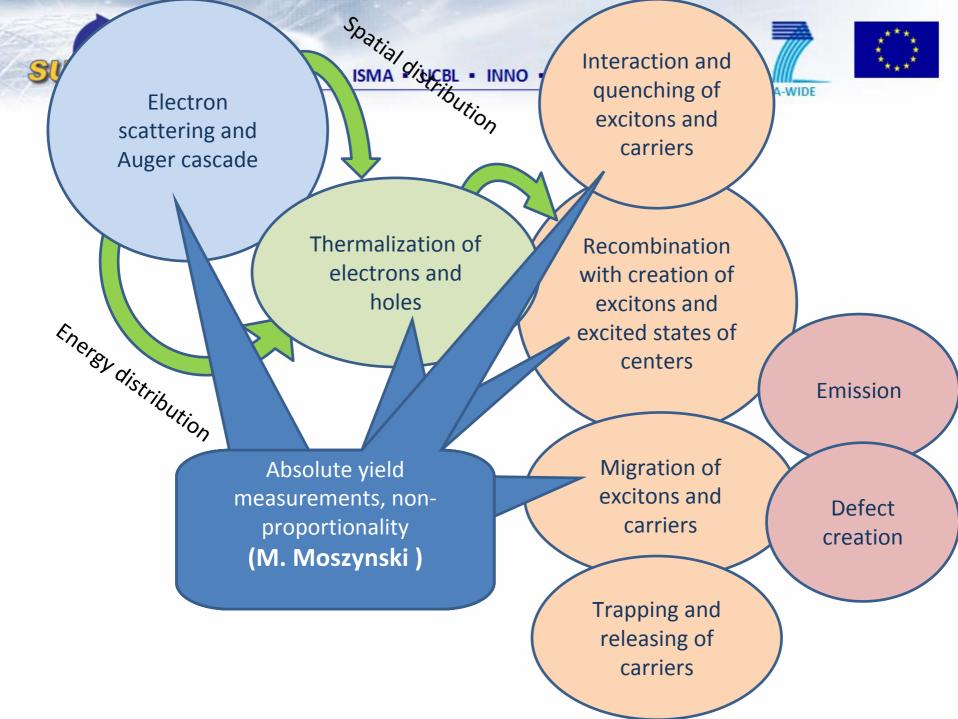


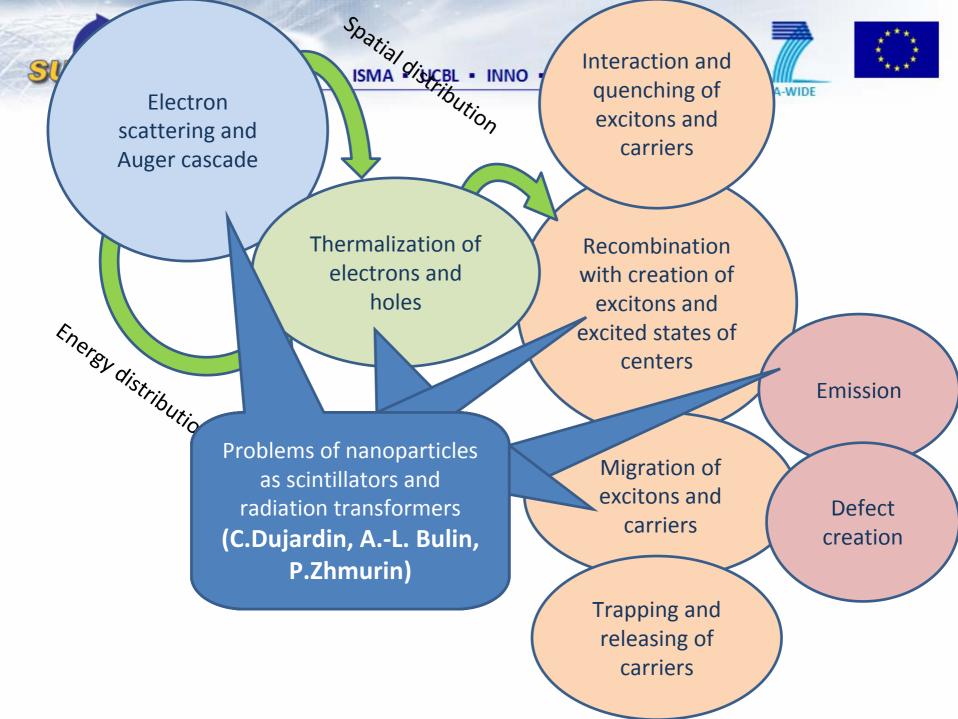
- General questions, the goal approval
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 The team selection...
- 1. Our experimental capabilities
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Growth technique (Bridgement, CZ, Micro-pulling and so on for mixed crystal growth)

O.Sidletskyi, K.Lebbou, A.Petrosian













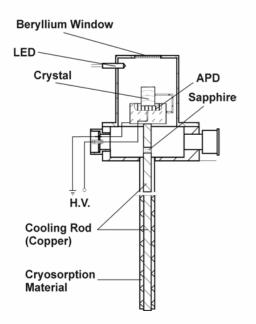


Gamma spectrometry at low temperatures, non-proportionality

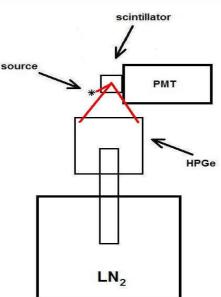
LN₂ temperature

M.Moszyński and





Cryostat with Nal coupled to LAAPD









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EC motivations, criteria and implementations...

See in details S.Klessova & O.Kiffer

- * Synergy from cooperation
- * Efficient use of scientific capacities, European facility first of all
- Strong cooperation of ES and Associated Countries
- European priorities for advance science
- Background strengthening for European industry use...?

 Bridge between result and future technology
- * Implementation! (Industry, medicine, security etc)







Strategy of materials search

- → Serendipity
- → Search and errors «cook and look»
- → Back grounded selection

Border
Protection

Coast Guard
Inspection

At-sea
Interdiction

Potential source of SNM

Potential target

Implementation







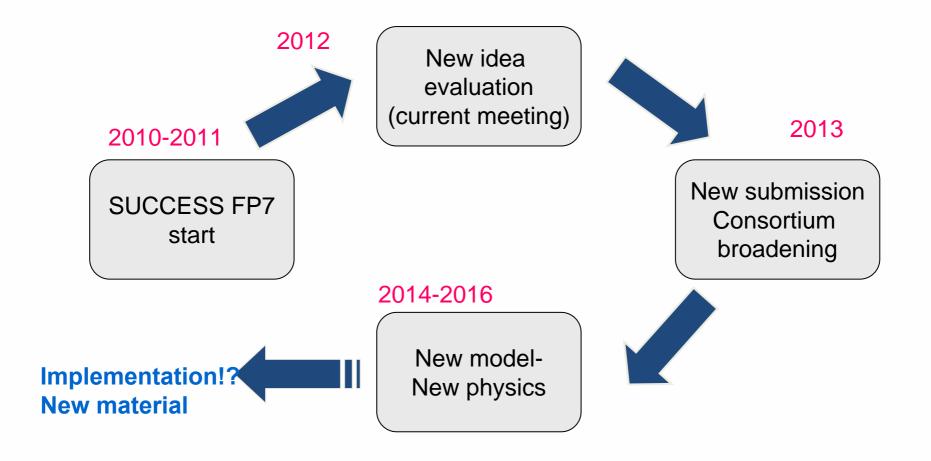


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From idea to results and implementation!







Next potential steps (announce, promotion, meetings):

(To the Round Table discussion)

- SCINT-13 promotion ...? April 13
- Virtual laboratory (VL) experiments planning and info exchange
- Mutual publications?
- Broad meeting (EC support in frame of SUCCESS conference in Ukraine)
- Call and proposal submission (INNO)
- IEEE NSS/MIC promotion? Nov 13







Thank you for attention!