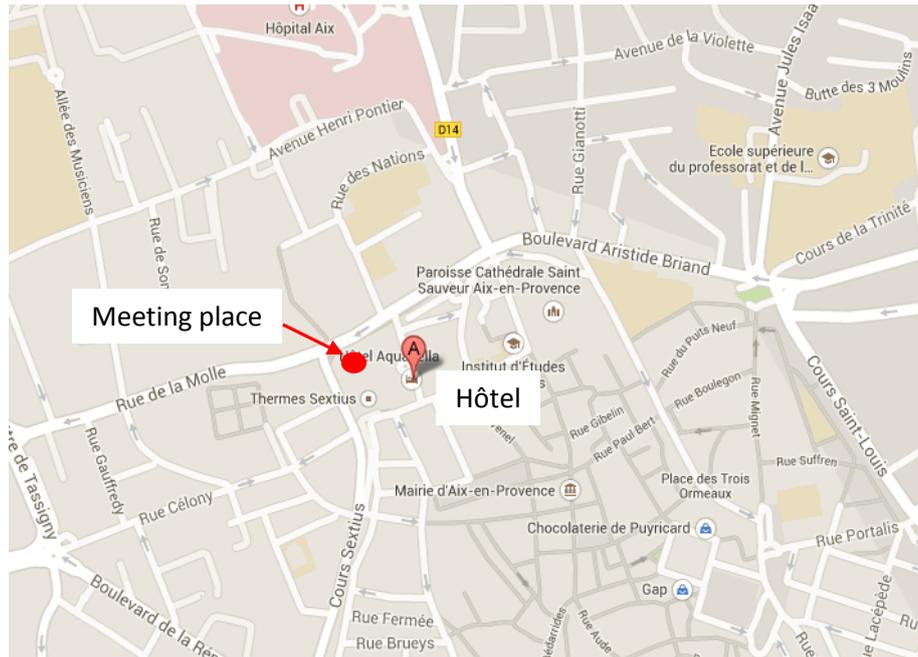


## **STAR Final Dissemination Event Aix en Provence, 9-11 June 2015**

**Venue:** Aquabella Hotel, 2 rue des étuves - 13100 Aix en Provence France

Tel: 04 42 99 15 00 | Fax: 04 42 99 15 07

<http://www.aquabella.fr/default-en.html>



**Tuesday, 9 June**

**The integration of radioecology at the European level**

**9h00-9h30**      *Welcome Coffee and registration of participants*

**9h30-10h00**      **Introduction**      **Chair: M. Muikku (STUK)**

	Welcome address, a brief overview of STAR's goals (20 min)	J.C. Gariel (IRSN)
	Successful integration (10 min)	T. Ikäheimonen (STUK)

**10h00-10h40**      **Integrating radioecology on the foundations of STAR**      **Chair: M. Muikku (STUK)**

	A common guide: the Strategic Research Agenda, the seed for integration (20 min)	J. Garnier-Laplace (IRSN)
	Sharing tools: Radioecology Exchange website (5 min)	C. Barnett (NERC-CEH)
	Sharing tools: infrastructure database and virtual laboratory (15 min)	P. Vesterbacka (STUK)

**10h40-11h10**      *Coffee and Tea break*

**11h10-12h10**      **Integrating radioecology on the foundations of STAR**      **Chair: M. Muikku (STUK)**

	Radioecological Observatories – A Promising Concept With Obstacles (20 min)	M. Steiner (BfS)
	Enhancing Education and Training (40 min)	L. Skipperud (NMBU)

**12h10-14h00**      *Lunch*

**14h00-15h05**      **Key messages from the EU platforms of radiation protection linked to radioecology**      **Chair: B. Howard (NERC-CEH)**

	Introduction- the ALLIANCE and the SRA (5 min)	F. Hardeman
	MELODI (20 min)	J.R. Jourdain
	NERIS (20 min)	T. Schneider
	EURADOS (20 min)	J. Tschiersch

<b>15h05-15h30</b>	<b>Sustainability of STAR's main outcomes and plans for the future</b>	<b>Chair: B. Howard (NERC-CEH)</b>
	Challenges and solutions identified by STAR (25 min)	A. Real (CIEMAT)
<b>15h30-16h00</b>	<i>Coffee and Tea break</i>	
<b>16h00-17h30</b>	<b>Debate session – Pursuing sustainability and integration</b>	<b>Chair: B. Howard (CEH) Co-chair: R. Jones (STAR-EAB)</b>
	ALLIANCE (including COMET 20 min) The CONCERT project (20 min) Debate with the whole audience (50 min)	F. Hardeman T. Jung all
<b>17h30-17h40</b>	<b>Closing - summary of the main conclusions from the debate session</b>	<b>B. Howard (CEH)</b>
<b>19h30-22h00</b>	<b>Dinner hosted by the ALLIANCE</b>	<b>Aquabella hotel</b>

**Wednesday, 10 June**  
**Protection frameworks for wildlife – advancing the underlying science  
through integrated research**

<b>9h30-10h40</b>	<b>Evaluating the robustness of ecological radiation protection criteria</b>	<b>Chair: F. Alonzo (IRSN)</b>
	Introduction (10 min)	F. Alonzo (IRSN)
	Exploring radiation effects at different biological scales. How do alpha and gamma radiation compare? (30 min)	N. Horemans (SCK•CEN)
	Mechanistic models to link ionizing radiation effects from molecules to populations (30 min)	F. Alonzo (IRSN)
<b>10h40-11h10</b>	<i>Coffee and Tea breaks</i>	
<b>11h10-11h40</b>	<b>Evaluating the robustness of ecological radiation protection criteria (continue)</b>	
	Increasing ecological relevance in radiological protection criteria (30 min)	D. Oughton (NMBU)
<b>11h40-12h15</b>	<b>Are radiation protection benchmarks for wildlife protective enough in a multiple stressor context?</b>	<b>Chair: H. Vandenhove (SCK•CEN)</b>
	How wrong are you if you do not consider mixtures? (15 min)	H. Vandenhove (SCK•CEN)
	Reference mixture models developed for chemical toxicants work when radionuclides are in the mix (20 min)	C. Svendsen (NERC-CEH)
<b>12h15-13h45</b>	<i>Lunch</i>	
<b>13h45-15h00</b>	<b>Are radiation protection benchmarks for wildlife protective enough in a multiple stressor context? (continue)</b>	<b>Chair: H. Vandenhove (SCK•CEN)</b>
	Understanding bioaccumulation is required for explaining/predicting mixture effects (20 min)	H.-C. Teien (NMBU)
	Understanding bioavailability is important to	S. Lofts (NERC-CEH)

	<p>understand mixture toxicity (20 min)</p> <p>Importance of using multiple endpoints in explaining/predicting mixture effects (20 min)</p> <p>Radiation protection for wildlife in a multiple stressor context: what added-value have we delivered? (15 min)</p>	<p>C. Bradshaw (SU), N. Horemans (SCK•CEN)</p> <p>R. Gilbin (IRSN)</p>
<b>15h00-16h00</b>	<i>Coffee and Tea break + short science presentations beside posters</i>	
<b>16h00-16h40</b>	<b>Debate session on the robustness of ecological radiation protection criteria</b>	<p><b>Chair: F. Alonzo (IRSN)</b> <b>Co-chair: D. Roelofs (STAR – EAB)</b></p>
<b>16h40-17h20</b>	<b>Debate session on the radiation protection benchmarks for wildlife in a multiple stressor context</b>	<p><b>Chair: H. Vandenhove (SCK•CEN)</b> <b>Co-chair: D. Roelofs (STAR-EAB)</b></p>
<b>17h20-17h30</b>	<b>Closing - summary of the main conclusions from the debate session</b>	<b>F. Alonzo (IRSN), H. Vandenhove (SCK•CEN)</b>
<i>17h30-19h30</i>	<i>Guided Tours in Aix (two groups of 25 people)</i>	<i>Departure from Aquabella hotel</i>

**Thursday, 11 June**  
**The STAR toolbox: advancing radiation risk assessment and sharing knowledge**

<b>9h00-10h15</b>	<b>Integration to advance radiation risk assessment: common approaches for humans and the environment</b>	<b>Chair: A. Liland (NRPA)</b>
	Making the most of what we have: application of extrapolation approaches in radioecological transfer modelling (25 min)	N.A. Beresford (CEH)
	How can we integrate the human and environmental radiation protection frameworks (25 min)	C. Bradshaw (SU)
	CROMERICA: a unique tool to perform risk assessment for humans and wildlife (25 min)	J.C. Mora (CIEMAT)
<b>10h15-11h00</b>	<b>Debate session – integration of assessment methodologies</b>	<b>Chair: A. Liland (NRPA)</b> <b>Co-chair: M. Balonov (STAR – EAB)</b>
<b>11h00-11h30</b>	<i>Coffee and Tea break</i>	
<b>11h30-12h30</b>	<b>Tools practical demonstration – Free Access to Computers (split in small groups)</b>	
	The Radioecology Exchange web site	
	CROMERICA	
	Short science presentations beside posters	
<b>12h30-14h00</b>	<i>Lunch</i>	
<b>14h00-15h30</b>	<b>STAR and the Fukushima accident</b>	<b>Chair: A. Liland (NRPA)</b>
	Fukushima radionuclide bioaccumulation in marine animals (30 min)	N. Fisher (SUNY)
	Fukushima-derived radionuclides in marine biota (30 min)	J. Nishikawa (Tokai Univ.)
	Radioecology at the service of mitigating societal	A. Liland (NRPA)

	impacts of nuclear accident (30 min)	
<b>15h30-16h00</b>	<b>Closing of the final STAR dissemination event</b> Summary of the main conclusions from the debate sessions	<b>L. Février (IRSN)</b>