

CERN – RCA COLLABORATION

PROGRAMME: 9 – 13 OCTOBER

DAY 1. MONDAY, OCTOBER 9, 2017

Time	Activity	Activity leader(s)
11.30	<ul style="list-style-type: none">Pick up access cards & settling into IdeaSquare	Tuuli Utriainen, Nick de Leon
12.00	<ul style="list-style-type: none">Welcome to IdeaSquare and an introduction to the resources available for you this week	Tuuli Utriainen, Nick de Leon
12.30	<ul style="list-style-type: none">Discovery Lunch: what is CERN?Ask your random neighbor what he or she does	
14:00	<ul style="list-style-type: none">Overview of UN's SDGs and the role of governments, private sector, and academia in addressing these goalsWorkshop to review each of the SDGs. Each student will share their personal research into their selected topic and make the case for why their SDG is the most importantIdentification of the SDGs of the greatest interest	Nick de Leon, Ronald Jones, John Wood
16.00	<ul style="list-style-type: none">Introduction to CERN ("license to think")	Markus Nordberg
18.00	Close	

Day 2. Tuesday, October 10, 2017

Time	Activity	Activity leader(s)
09.00	<ul style="list-style-type: none">Visit to ATLAS Control Room	Markus Nordberg
10.00	<ul style="list-style-type: none">Overview on CERN-KT Technologies (& how they might be used in society one day, an example)	Giovanni Anelli
11.30	<ul style="list-style-type: none">Exponential Thinking (what does "disruptive" really mean?)	Pablo Tello
13.00	<ul style="list-style-type: none">Lunch	
14.00	<ul style="list-style-type: none">Visit to Antimatter experiment	Michael Doser
15.30	<ul style="list-style-type: none">Workshop and Project activity in teams to matching technologies with SDG Opportunities.Each student to lead the discussion in their team on how the CERN technologies, introduced in the overview, could contribute to creating a disruptive solution for their selected SDG	Nick de Leon, Ronald Jones

17.00	<ul style="list-style-type: none"><li data-bbox="325 165 911 241">• Feedback session to the group on potential alignment of technologies and SDGs	
-------	---	--

Day 3. Wednesday, October 11, 2017

Time	Activity	Activity leader(s)
09.00		
10.30	<ul style="list-style-type: none"> KT Technologies more in depth: cryogenics 	Aurélie Pezous + Giovanni Porcellana
12:00		
13.00	<ul style="list-style-type: none"> Lunch 	
14.00	<ul style="list-style-type: none"> Ideation workshop on how today's technology pitch could contribute to solutions for all or some of the SDGs – Each team to lead on relevance to their specific set of SDGs 	Ronald Jones and Tuuli to Facilitate
15.30	<ul style="list-style-type: none"> Feedback to Groups on first round of ideas 	
16.00	Continuation of Ideation	
17.30	<ul style="list-style-type: none"> Presentation of any sketches, storyboards, rapid prototypes of ideas to the group 	

Day 4. Thursday, October 12, 2017

Time	Activity	Activity leader(s)
8:30	<ul style="list-style-type: none"> KT Technologies more in depth: vacuum 	Nick Ziogas
09.00	<ul style="list-style-type: none"> Synchrotron visit 	Giovanni Porcellana
10.30	<ul style="list-style-type: none"> KT Technologies more in depth: materials 	Tiago de Araujo + tech expert
11.30		
12.30	<ul style="list-style-type: none"> Arts at CERN 	Laura Couto, James Beacham
13.30	Lunch	
14.30	<ul style="list-style-type: none"> Ideation workshop on how today's technology pitches could contribute to solutions for all or some of the SDGs – Each team to lead on relevance to their specific set of SDGs 	Ronald Jones and Tuuli to Facilitate
16.00	<ul style="list-style-type: none"> Feedback to Groups on first round of ideas and integration/combination/replacement of yesterday's technologies 	
16.30	<ul style="list-style-type: none"> Continuation of Ideation 	
18.00	<ul style="list-style-type: none"> Presentation of any sketches, storyboards, rapid prototypes of ideas to the group 	

Day 5. Friday, October 13, 2017

Time	Activity	Activity leader(s)
09.00	KT Technologies more in depth: detectors	KT Group
10.30		
11.00		
12.30	Lunch R2	
13.30	<ul style="list-style-type: none"> Ideation workshop on how today's technology pitches could contribute to solutions for all or some of the SDGs – Each team to lead on relevance to their specific set of SDGs 	Ronald Jones
14.30	<ul style="list-style-type: none"> Feedback to Groups on ideas and integration/combination/replacement of yesterday's technologies 	
15.00	<ul style="list-style-type: none"> Final integration of all concepts, and each group to select an SDG or small cluster of them and develop one proposition to present to the other groups 	
17.00	<ul style="list-style-type: none"> Presentation of concepts developed during Sprint – including summary of SDG challenge, concept and the value proposition, visualization, and storyboard of how it works, system description 	To Panel from CERN and RCA Faculty
18.00	<ul style="list-style-type: none"> Close 	