

## Secondment Report Form

<b>Seconded</b>	Przemyslaw Radzik
<b>Host Organization</b>	Id: RUAG Space AB
	Name: RUAG Space AB, Göteborg, Sweden
<b>Research Topic(s)</b>	Space application antennas
	Band widening

### ACTIVITIES DURING THE SECONDMENT

*In my work I design microstrip antennas for two of European Space Agency's satellites (European Students Projects) and I was sent to RUAG Space AB so I could show and consult my work with long-term experts in the field. I was keen to find out their opinion on my work, what they think is wrong and can be improved. I wanted to see how RUAG employees work on their projects to see if I can be more efficient in my work. I am very satisfied with the final result of my stay and with the knowledge that I obtained thanks to this trip.*

*During my stay I regularly consulted my work on microstrip, space application antennas with experts from RUAG Space AB. My main activity was to methodically and systematically check new ideas in CST Microwave Studio and simulate in search of better solutions and band widening to achieve given requirements. My work was directly supervised by chief engineer of Department of Electromagnetism – Joakim Johansson and I was obligated to give reports on my progress every week in front of few experts in microstrip, space application antennas.*

*Experts from RUAG Space greatly broaden my knowledge about problems that I have to face and foresee in designing antenna for space application. During my stay I was also presented with different ideas from what I did and that helped me to take new approach in my design so now I can design even better antenna at less effort and better manage my time which as a result will shorten the way to achieve my goal.*

### MAIN RESULTS OF THE STAY

< List of the publications co-written (or in progress)>

Number of Publications: 0

Number of Documents/ Reports: 0

Number of Case Studies & Demonstrators: 0

\* Attach all relevant documentation that specifies your results

Other(s):

(1) In progress: Bachelor's Thesis: "Methods of band broadening in bipolar, thin-profile, S-band, space application antennas."

## FORECAST ACTIVITIES

*My work manner, following the secondment project, will not be changed in comparison to what I did before this secondment. I will only apply and add to my work what I have learnt during my stay at RUAG Space. This includes new ideas and some new approaches to solving problems I have met.*

In order to improve CARE's secondment program, please fill this short questionnaire. Use the space at the end to expand your answers, if needed. Our aim is to improve the general experience for secondees in future.

Disagree < > Agree

### GENERAL

My objectives were achieved.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
The research topics were relevant to my work.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
I benefited from being part of a wider research culture.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>

### HOST ORGANIZATION

I am satisfied with the quality and quantity of supervision I received.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
I had access to adequate resources to support my research..	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>

### SECONDMENT PROGRAM

I would recommend this secondment programme to others.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
I believe the skills I have learned will help me to improve my job/research.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
I would apply to another programme similar to CARE.	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
In general, how would you classify the CARE Secondment Programme?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>

Other questions/comments to be potentially considered: \_\_\_\_\_

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### SIGNATURES

Candidate

Date: 2011/10/22  
(year/month/day)

Signature

Premy Jaw Radzik

Public

Page 2 of 2