Données pour l'établissement d'une convention de prestation de service	
Service provider agreement request	
Nom de jeune fille + mariée, prénom, genre/Maiden Name + Spouse, first name, man/woman	**KAUSHIK Ankit**
Adresse postale/Address (n°/rue/CP/localité/pays)	**Luise–Riegger Strasse 58, 76137 Karlsruhe, Germany**
Téléphone/Telephone	**0049 176 236 457 33**
Courriel/E-mail	**ankit.kaushik1984@googlemail.com**
Internal address e-mail needed?	**Yes**
Date de naissance/Birth date	**07 June 1984**
Nationalité/Nationality	**German**
Détails bancaires/Bank details	IBAN: DE48 1001 0010 0123 5931 11 BIC/SWIFT/Routing number: PBDENKFF Name of the bank: POSTBANK, Berlin
OTP + libellé/OTP + description	**R-STR-5010-00-Z (groupe de recherche SigCom)**
Durée (du – au)/From - To	**01/08/2017 au 31/01/18**
Nombre d'heures total/Total number of working hours	**150**
Taux horaire/Hourly rate	40 HT/VAT excluded
Total honoraires	6,000 HT/VAT excluded (Les forfaits ne sont pas acceptés/ No lump sum is accepted)
Catégorie TVA VAT Category (please choose)	Assujetti à la TVA hors Luxembourg sous le numéro (le cas échéant)/Liable for VAT outside Luxembourg under intra-EU identification number (if applicable)/gegebenenfalls Unternehmer i.S.d. Umsatzsteuerrechts ausserhalb Luxembourg unter der Ust-ID-Nr.* Registered for VAT, will recieve the VAT number in few weeks.
Nom du chef de projet + RSB (si différent - if different)	**Chef de projet : Dr. Symeon Chatzinotas RSB : Prof. Björn Ottersten**
Faculté – UR – departement	**SnT**
Objet de la mission et délivrables (détails/details) en français ou en anglais/in French or English	Dr. Kaushik will pursuit research in the area of cognitive communications supported by machine learning techniques. He will investigate active learning techniques for exploring the wireless environment and estimating channel parameters and using them to reach an equilibrium between primary and secondary systems. This research will be documented in the form of technical reports and software code. Upon approval, it will be disseminated to high-caliber journals and conferences. • Build system models representative of practical cognitive communication systems • Design algorithms for spectrum awareness and spectrum

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	exploitation
	• Define the interaction of model-based and data-aided components
	• Develop and run system simulations to evaluate the performance of the algorithms
	• Deliver the simulation code and corresponding documentation
	• Document the results in technical reports
	• Upon approval, disseminate the results in the academic community
	• Upon approval, file patents on behalf of UniLU with the support of the TTO
A travaillé à l'UL Has worked at the UL	Oui/Yes : □ ; dates : 01/12/15 au 25/02/16 (Invited researcher under hosting agreement)
Travaillera à l'UL après la mission d'expert Will work at the UL after the service provider mission	**Non/No :** □
Annexe : updated (until now/the past month) CV obligatoire/mandatory	

The provider is not under contract with the University (e.g. adjunct teacher/vacataire), nor is a student at the UL (PhD UL students included), nor is unemployed (au chômage)

*pour tous les non-résidents luxembourgeois, l'UL devant payer la TVA/for all non Luxemburgish residents, the UL paying the VAT on the work done (with or without VAT ID number)

Ankit kaushik

Signature du prestataire/Signature of the provider

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