



UNIVERSITÉ
DE LYON



Liaison Office at Lyon : from the teenager to the adult age

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Liaison Office at Lyon : state of the art

- Long history of collaboration
- LIA ELyT Lab from 2008 to 2016, LIA ELyT Global since 2017
- UMI ELyT Max since 2016 in TU and since 2018 in Lyon
- IFS Lyon Center since 2018 in Lyon



Liaison Office at Lyon : state of the art

- 29 Research projects running in the framework of ELYT Global (about 80 professors, budget is about 200 000 euros/year=26 000 000 yens/year)
- The UMI ELYT Max with 3 French permanent researchers in Sendai
- The UMI ELYT Max with 2 Japanese permanent researchers in Lyon
- 21 double degree PhD students (12 are already graduated)
- About 5 undergraduate students sent in Sendai each year
- One annual workshop (alternatively in Sendai and Lyon) : next from the 17 to 19 of February in France
- One annual summer school (alternatively in Sendai and Lyon) : about 40 students (PhD and undergraduate) + some from China, KTH, USA, Germany
- Grants for master students and some travelling funds for PhD students

Liaison Office in 2019 : an important year

- Visit of G. Collomb (Lyon city mayor) in May with a large delegation from Lyon
 - . Meeting with TU but also with Miyagi Prefecture
 - . Maybe the starting point to a large economical partnership between Grand Lyon and Miyagi
- UdL Liaison office inauguration at Tohoku in May 2019 with G. Collomb



- STARMAJ program : grants for incoming students from TU at UdL (11 students !!!).

THANKS TO UDL FOUNDING !!! And to JY Cavaille, M. Jorrot, S. Dalynjak and G. Sebald for the arrangements !!!

Liaison Office at Lyon. 2019 : an important year

- STARMAJ program : grants for incoming students from TU at UdL (11 students !!!)

FAMILY NAME	FIRST NAME	LEVEL OF STUDIES	TRAINING PROGRAM/INTERNSHIP SUBJECT	DURATION
OGASAWARA	Naoto	M1	Development of Simultaneous Measurement System for Flow and Temperature Fields in Heat Transfer Event	68 days
ZHANG	Shurui	M2	Modeling of Eddy Current Magnetic Signature of Electromagnetic Steels	78 days
KITA	Aoba	M1	Modeling of Eddy Current Magnetic Signature of Carbon Steels	56 days
KOHATA	Yutaro	M1	Image processing analysis for CFD simulation of Artery-Vein malformation	58 days
IWATA	Daiki	M1	Evaluation of Pipe Wall Thinning Using Electromagnetic Acoustic Resonance Method	56 days
NAKAJIMA	Koki	M1	Modeling of nanoscale transport phenomena of Li-ion in gel-polymer electrolyte	41 days
ISHIKAWA	Kyohei	M1	Modeling of nanoscale transport phenomena of cerium ion in polymer electrolyte membrane	41 days
MITSUZUKA	Kohei	M1	Friction behavior of PVA hydrogel for evaluation of endoscope	58 days
HIROSE	Satomi	M2	Investigation of aerotaxis in eukaryotic cells using microfluidic device	78 days
KATABIRA	Ken Ichi	M		60 days
NUMATA	Haruko	M	Influence of the processing method on the porosity of Al powder for additive manufacturing	149 days

Liaison Office at Lyon : the adult age

- Until now mainly professor and PhD exchange
- Now, exchange at the Master level
- From collaboration to co-development, first example the **MD school** :
 - . School of about 2 weeks dedicated to Molecular Dynamics modeling
 - . From the 14th of February to 1st of March 2020
 - . Dedicated to students (9 students) but also to academic staff (2 professors)
 - . “High level International School”
 - . Taught by French and Japanese professors, alternatively in France/Japan
 - . Founded by UdL and ELyT Global



Conclusions and perspectives

- Long term relationship
- But always in evolution
- Liaison office has always been the “reason why” and the “starting point” of these evolutions
- It permits to become a “Global actor” in teaching and research
- Today, this collaboration spread out to others academic partners (ELyT School, ELyT workshop, UdL STARMAJ program, MD School,.....) but also maybe to economical stakeholders (Miyagi/Grand Lyon)
- **Best relationship for INSA, based on friendship and trust**



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