ANNEX A TER

SCIENTIFIC DISCIPLINARY AREA: INDUSTRIAL AND INFORMATION ENGINEERING

RESEARCH PROGRAM NO. 41

The assessment criteria for the qualifications and the interview will be affixed on **5.11.2018** at **8.30** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via all'Opera Pia 15/A, Genova.

The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on **5.11.2018** at **11.30** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via all'Opera Pia 15/A, Genova.

The interview will be held on **5.11.2018** at **12.00** in Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME), Via all'Opera Pia 15/A, Genova.

Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.

As regards candidates, who are not resident or domiciled in Italy, and those, who are resident or habitually domiciled at a distance of more than 300 Km from the selection centre, the interview, if requested, can also be held by electronic means (SKYPE video conference call) promptly contacting Prof. Matteo Zoppi on the phone number +39 3204382160 or via the email address: zoppi@dimec.unige.it.

Scientific coordinator: Prof. Matteo ZOPPI

NO. 1 research fellowship - Duration 1 year – Annual pre-tax amount: € 19.367,00

Title: Variable stiffness actuation using multiple phase fluids in robots: implementation and testing.

Description: Implementation of a system of actuators with variable stiffness using multiple phase fluids in a robot: the work comprises specific modelling for the control of the actuators, implementation and integration, testing.

Scientific disciplinary sector: ING-IND/13 MECCANICA APPLICATA ALLE MACCHINE

Place: Dipartimento di Ingegneria Meccanica, Energetica, Gestionale e dei Trasporti (DIME)

Required degree:
Laurea Magistrale delle classi: LM-25 Ingegneria dell'automazione, o LM-32 Ingegneria informatica, o LM-33 Ingegneria meccanica.

Subjects of the interview:
- Variable stiffness actuation in robotics.
- Fluidics.
- Service robotics.

The candidate will need to prove his/her knowledge of the English language.