

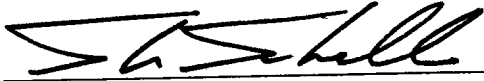
Attachment Number 1 to the
Memorandum of Understanding (LIGO-M990350-00-M)
between the
Institut National des Sciences Appliquées (INSA) de Lyon, France
and the
Division of Physics, Mathematics and Astronomy,
California Institute of Technology (Caltech)
January 4, 2000

This Attachment No. 1 to the Memorandum of Understanding, LIGO-M990350-00-M, between the Institut National des Sciences Appliquées (INSA) de Lyon, France, and Division of Physics, Astronomy and Mathematics of Caltech, covers the assignment of Frederic Seve, a graduate student at INSA, to participate in LIGO related gravitational-wave research of Caltech. The period of performance for the activities in this Attachment is from May 1, 2000 to May 31, 2001. This period may be modified by agreement to a revision of this Attachment.

1. This document is an agreement between INSA of Lyon and Division of Physics, Mathematics and Astronomy of Caltech to accommodate and facilitate the research assignment of F. Seve on the LIGO gravitational-wave experiment at Caltech.
2. The LIGO Laboratory, serving as the host institution to Frederic Seve, will provide all facilities and infrastructure required for his research project.
3. Frederic Seve's research will involve development of ultra low frequency active and passive components of the seismic attenuation chains with the focus on suppression of the micro seismic peak and of the tilt component of the seismic noise.
4. Riccardo DeSalvo will be responsible for Frederic Seve's association with the LIGO Laboratory.
5. The assignment of Frederic Seve is made at the explicit request by the Division of Physics, Mathematics and Astronomy of Caltech on behalf of the LIGO Laboratory. Consequently, the Division of Physics, Mathematics and Astronomy of Caltech/LIGO Laboratory will share a portion of travel and subsistence costs incurred by Frederic Seve under this agreement. The support will be provided by appropriate LIGO Laboratory funds. The actual amount to be contributed by the LIGO Laboratory is subject to a mutual agreement.

6. The assignment of Frederic Seve will be coordinated by Prof. Regis Dufour, and Dr. Riccardo DeSalvo for INSA and the Division of Physics, Mathematics and Astronomy of Caltech, respectively. Any significant issues will be communicated and resolved in a collegial and timely manner.

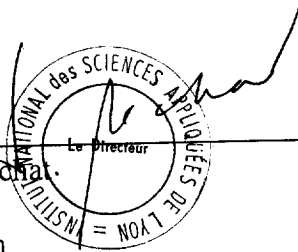
Approved:



Prof. Thomas Tombrello
Div. of Physics, Mathematics and Astronomy
California Institute of Technology

1-10-2000

Date



Mr. Joël Rodière
Director,
INSA, Lyon

Feb. 14-2000

Date



Prof. Barry Barish
LIGO Laboratory Director

Jan 10, 2000

Date



Dr. Riccardo Desalvo
Cognizant Scientist, LIGO Laboratory

12 - JANUARY 2000

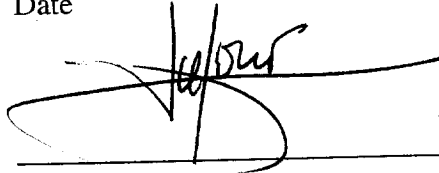
Date



Prof. Jean Claude Bureau
Director of Foreign Exchange Program,
INSA, Lyon

Jan 24, 2000

Date



Regis Dufour
INSA, Lyon

Jan 28, 2000

Date