

DEPARTMENT OF MATHEMATICS

ATTACHMENT B

“Visiting Fellow” Programme

Application form

TO BE SENT TO CAI (INTERNATIONAL COORDINATOR) OF THE
DEPARTMENT(LIST AVAILABLE AT HYPERLINK "[HTTPS://WWW.UNIPLT.IT/INDEX.PHP/STUDY/ITEM/3127](https://www.uniplt.it/index.php/study/item/3127)" [HTTPS://WWW.UNIPLT.IT/INDEX.PHP/STUDY/ITEM/3127](https://www.uniplt.it/index.php/study/item/3127))**The undersigned, Prof. Enrico Le Donne, asks that the Department invites Prof. Xiangdong Xie as a Visiting Fellow from 01/09/2019 to 30/06/2019.****Personal data of the Visiting Fellow**

FIRST NAME	Xiangdong	
LAST NAME	Xie	
PLACE and DATE OF BIRTH	Jiangsu	15/02/1967
CITIZENSHIP	Chinese	
SEX	M	F
RESIDENCY (ADDRESS)	626 Harrison Road, Perrysburg, OH 43551, USA	
COUNTRY OF ORIGIN	P. R. China	
E-MAIL	xiex@bgsu.edu	
LANDLINE, MOBILE		

Academic information on the Visiting Fellow

DEGREE TITLE	PhD (University of Utah, 2001)
UNIVERSITY OF ORIGIN	Bowling Green State University
SHORT CV	CV enclosed

Title of the research project:

Geometry of Metric Groups

Brief description of the research project:

The general goal of the project is to study Lie groups equipped with arbitrary distance functions and to develop an adapted geometric measure theory in the non-Riemannian settings.

The main focus is subRiemannian geometry, together with implications to control systems and nilpotent groups. SubRiemannian spaces, and especially Carnot groups, appear in various areas of mathematics, such as control theory, harmonic and complex analysis, subelliptic PDE's and geometric group theory.

This project is part of broad subjects such as Geometric Group Theory and Geometric Analysis. Specifically, it focus on geometric analysis on Carnot groups and large scale geometry of negatively curved spaces and nilpotent Lie groups. These are very active, current research areas.



I AM ENCLOSING the Visiting Fellow's curriculum vitae and copy of his passport (I.D. if EU/EEA citizen)

Date:

June 6, 2019

Signature:

Enrico L. De



Allegato n. 5
Pag. n. 2
Verbale del 13-06-2018