

# BONITOS

BONe InTerdisciplinary symposium

2022

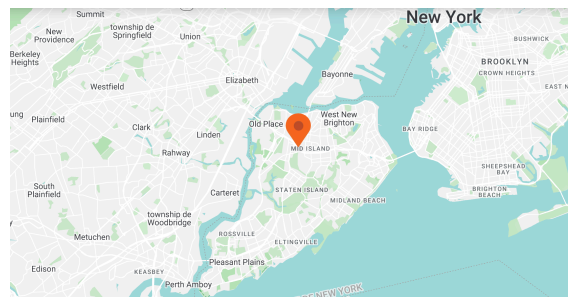


May 20th, 2022

CUNY College of Staten Island  
New York , USA

May 20th, 2022

## HOW TO REACH THE PLACE?



### CUNY College of Staten Island

Building 1L-Room 220A- 2800 Victory Boulevard,  
Staten Island, New York , 10314, USA

(see page 3 for details)

### **Commute with public transportation**

#### **From Downtown Manhattan:**

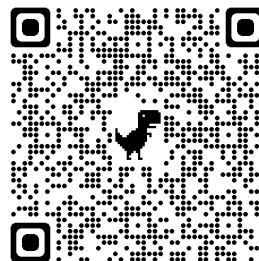
SIM 33 or SIM 32 (45 min) or Free Ferry + Free CSI  
shuttle (55 min)

#### **From Bay Ridge Brooklyn:**

MTA S92 (40 min)

#### **From St George Staten Island:**

Free CSI Shuttle (25 min)

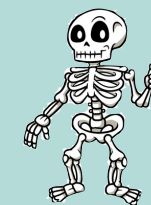


### **CONTACT:**

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**Official email address:** [bonitos.symposium@gmail.com](mailto:bonitos.symposium@gmail.com)



**BONITOS** symposium  
gathers leading experts in  
bone tissue from all the  
disciplines (biology,  
biomechanics,

mathematics,...) into one place. To  
discuss bones in all its research  
approaches, we propose a hybrid  
symposium between all other the  
world fellows and expect to  
strengthen international  
collaborations.

We are very proud to open the  
second edition of this kind!

**Welcome to BONITOS 2022 !**

### **IMPORTANT DATES**

**April 22nd** Pre program announcement

**May 3rd** Deadline Abstract submission  
through email for both talk and  
speakers:

[bonitos.symposium@gmail.com](mailto:bonitos.symposium@gmail.com)

(.doc 500 words max, with title, names and  
affiliations)

**May 8th** Submission Results

**May 12th** Full Program Announcement

**May 15th** Deadline Registration

# PRE PROGRAM ANNOUNCEMENT



## Schedule

<b>9:00</b>	<b>Welcome attendees</b>	
9:30	Opening remarks	J.P. Berteau
<b>9:45</b>	<b>Keynote</b>	<b>H. Follet</b>
10:30	Talk Session 1	
<b>11:30</b>	<b>Coffee Break</b>	
11:45	Workshop	<b>B. Ghaly</b>
<b>12:30</b>	<b>Lunch</b>	
<b>13:30</b>	<b>Poster Session</b>	
14:00	Talk Session 2	
15:30	Poster Prize Announcement and Closing remarks	<b>L. Pujo-Menjouet</b>

## 9:15 KEYNOTE HÉLÈNE FOLLET PHD

**Bone, Cancer, and Metastasis: What Does the Personalized Numerical Model Bring ?**



Héléne Follet is a biomedical expert in Engineering and Public health.

She is a biomechanics researcher at INSERM, and specialist in numerical model to predict bone resistance, in the context of human pathologies.

As researcher at INSERM, she has published articles on bone resistance linked to the quality and organisation of bone material.

Her current work focuses on the influence of bone defects (metastases) on the overall resistance of the skeleton, using numerical simulation.



## 13:30 WORKSHOP BESHOY GHALY DPT, RMSK, ECS

**How Does Musculoskeletal Ultrasound Imaging Help Clinicians ?**



**Beshoy Ghaly** is a Doctor of Physical Therapy and an ABPTS Board Diplomate in Clinical Electrophysiology.

He is also Registered in Musculoskeletal Sonography (RMSK) & performed and interpreted thousands of musculoskeletal ultrasound studies.

He is the creator of MSK ULTRASOUND MASTERMIND® programs.



# INFORMATION COVID

What is the COVID policy at CUNY?

[CLICK HERE FOR MORE INFORMATION.](#)

## May 20th, 2022

### HOW TO REACH THE PLACE?

### BUILDING 1L-ROOM 220A

 **College of Staten Island**  
The City University of New York



#### NORTH CAMPUS

Astrophysical Observatory.....6N  
Business, School of.....3N  
Campus Center.....1C  
Campus Services and Central Plant.....1M  
Children's Center .....2R  
Computer Science.....1N  
Dolphin Cove, North.....2H  
Dolphin Cove, South.....1H  
Engineering and Environmental Science.....1N  
Engineering Technologies.....4N  
Health Sciences,  
School of Physical Therapy.....5N  
History, Marchi Hall.....2N  
Physics and Astronomy.....1N  
Political Science, Economics,  
and Philosophy, Marchi Hall.....2N  
Sports and Recreation Center.....1R  
Academic Building.....2M

#### SOUTH CAMPUS

Biology.....6S  
Chemistry.....6S  
Education, School of.....3S  
English.....2S  
Health Sciences,  
School of Nursing, Marcus Hall.....5S  
Library.....1L  
Mathematics.....1S  
Media Culture.....1P  
Performing and Creative Arts.....1P  
Psychology.....4S  
Social Work.....2A  
Sociology and Anthropology.....4S  
World Languages and Literatures.....2S

#### ADMINISTRATION LOOP

Center for the Arts.....1P  
North Administration.....2A  
South Administration.....1A  
West Administration.....3A

## GOOD TO KNOW

information to come







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# BONITOS 2022

**BONe InTerdisciplinary sympOSium**

May 20th, 2022

## PROGRAM AND TITLES



## AFTERNOON

**12:30**

**Lunch**

**13:30**

**Poster Session**

**14:00**

**TALK SESSION 2: Recent advances in bone physiology**

chaired by **Dr. Jean-Philippe Berteau** (Ph.D.)

**1- Pre-Clinical Model of Bone Pathologies: *skeletal properties of the killifish - the shortest-lived vertebrate model***

by **Dr. Imke Fiedler** (Ph.D.)  
University Medical Center Hamburg-Eppendorf,  
Germany

**2- Bone Blood Flow: *Mechanisms of bone blood flow regulation and their contribution to skeletal integrity***

by **Dr. Adina E. Draghici** (Ph.D.)  
Department of Physical Medicine and Rehabilitation,  
Harvard Medical School, Boston, MA,  
USACardiovascular Research Laboratory,  
Spaulding Hospital Cambridge, Cambridge, MA, USA

**3- Bone Resorption: *Solid-State NMR Evidence of Bone Resorption and Lipid Bilayers in Intermuscular Bones of the Atlantic Herring Fish***

by **Dr. Hsin Wang** (Ph.D.)  
Department of Chemistry and Biochemistry,  
The City College of New York, New York, NY, USA

**4- Bone Mineralization: *Math modeling***

by **Dr. Abdennasser Chekroun** (Ph.D.)  
Nonlinear Analysis and Applied Mathematics  
Laboratory, Tlemcen-Tlemcen University 13000,  
Algeria

**15:30 Poster Prize Announcement and Closing remarks**

**Dr. Laurent Pujo-Menjouet** (Ph.D.)