BONITOS
BONe and orthopedics InTerdisciplinary sympOSSium

May 31st, 2024

CUNY College of Staten Island
Center for the art
Recital Hall, 2800 Victory Blvd
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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Laurent Pujo-Menjouet: pujo@math.univ-lyon1.fr

Official email address: 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 fourth edition of this kind!

Welcome to BONITOS 2024!

IMPORTANT DATES
March 15th Registration and abstract submission open
April 1st Pre program announcement
May 1st Abstract submission closed
Here: https://bonitos.sciencesconf.org/
May 10th Full Program release
May 15th Registration closed
9:15 Keynote
Title to be announced
Sandra Shefelbine
Northeastern University

Schedule

09:00  Welcome attendees
09:30  Opening remarks
09:45  Talks Session 1: Clinical Science
11:00  Coffee and Tea Break
11:20  Poster Session
11:45  Lunch
13:00  Keynote Session 2
13:45  Talks Session 2: Basic Science
15:00  Poster Prize Announcement and Closing remarks

Good to know
Link to the official webpage
WELCOME TO THE BONITOS COMMUNITY

BONITOS 2024 convenes esteemed experts from around the world specializing in Bone, Biomechanics, and Orthopedics. In partnership with the American Association of Physical Therapists (APTA) and the prestigious French Society of Biomechanics, our symposium guarantees a fusion of cutting-edge insights, pioneering innovations, and unparalleled expertise. All submitted abstracts undergo rigorous peer review and are subsequently published in the esteemed "Advances in Bone and Orthopedics" book, indexed in both CUNY Academic Works and HAL Open Science.

May 31st, 2024
HOW TO REACH THE PLACE?
RECITAL HALL

GOOD TO KNOW

Link to the official webpage

[QR Code]
**MORNING / AFTERNOON**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>09:00 am</td>
<td>Welcoming attendees</td>
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<tr>
<td>09:30 am</td>
<td>Opening remarks</td>
<td>J.-P. Berteau</td>
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<tr>
<td>09:45 am</td>
<td>SESSION 1</td>
<td>Clinical Science</td>
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<td>chaired by Amanda Rotondo</td>
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<td>TALKS</td>
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<td></td>
<td>Prediction of Same Day Discharge for Patients Undergoing Total Joint Arthroplasty</td>
<td>Susan Camilleri</td>
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<td>The Clinical Utility of Diagnostic Musculoskeletal Ultrasound in Detecting Periosteum Pathologies and Relativity to Musculoskeletal Injuries</td>
<td>Beboy Ghaly</td>
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<td>Microarchitectural characterisation of trabecular bone in metastatic patients using micro-computed tomography</td>
<td>Etienne Massardier</td>
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<td>The Effect of an 8 Week Virtual Pelvic Floor Physical Therapy Program on Postpartum Women with Pelvic Floor Dysfunction</td>
<td>Reema Thakkar</td>
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<tr>
<td>11:00 am</td>
<td>Coffee and Tea Break</td>
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<tr>
<td>11:20 am</td>
<td>Poster Session</td>
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<tr>
<td>11:45 am</td>
<td>LUNCH + Group Photo</td>
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<tr>
<td>13:00 am</td>
<td>KEYNOTE</td>
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<td>TBA</td>
<td>Sandra Shefelbine</td>
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<td>13:45 am</td>
<td>SESSION 2</td>
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<td>TALKS</td>
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<td></td>
<td>Bone and Central Nervous System Changes from Low-Dose Ionizing Radiation Exposure</td>
<td>Anthony Lau</td>
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<td>An Assessment of XRF Sensitivity Analyses for Lead Depository in Cortical Bone of Rat Pups: A Feasibility Study For Animal Models of Lead Poisoning</td>
<td>Lorenz S. Neuwirth</td>
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<td>The Lacunar Canalicular Network Response to Type 2 Diabetes Mellitus</td>
<td>Claire Acevedo</td>
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<td>A Mathematical Model of Bone Remodeling Dynamics for Normal Bone Cell Populations and Myeloma Bone Disease</td>
<td>Glenn F. Webb</td>
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<tr>
<td></td>
<td>Mathematical model, Bone modelling, Stiffness, Osteoblast, Osteoclast</td>
<td>Laurent Pujo-Menjouet</td>
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**PROGRAM AND TITLES**