**BONITOS**
**BONe InTerdisciplinary sympOSixium**
2023

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**June 2nd, 2023**

**University** Claude Bernard Lyon 1,
Lyon FRANCE

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**How to Reach the Place?**

**Commute with public transportation**

*From Downtown Lyon:*

Metro B - Grange Blanche (about 20 min)

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**Scan Below to Register**

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**Mediathèque Paul Zech**

Faculty of Medicine, Lyon Est,
Building J.F. Cier
8 avenue Rockefeller
Lyon (see page 3 for details)

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Official email address: bonitos.symposium@gmail.com

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**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 third edition of this kind!

Welcome to BONITOS 2023!

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**Important Dates**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>April 3rd</td>
<td>Pre program announcement</td>
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<tr>
<td>May 1st</td>
<td>Deadline Abstract submission through email for both talk and speakers: <a href="mailto:bonitos.symposium@gmail.com">bonitos.symposium@gmail.com</a> (<strong>.doc 500 words max, with title, names and affiliations</strong>)</td>
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<tr>
<td>May 9th</td>
<td>Submission Results</td>
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<tr>
<td>May 13th</td>
<td>Full Program Announcement</td>
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<tr>
<td>May 16th</td>
<td>Deadline Registration</td>
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PRE PROGRAM ANNOUNCEMENT

9:15 KEYNOTE 1
RIGHT ANSWER, WRONG QUESTION
Gerd Huber Hamburg
University of Technology
Biomechanik
Hamburg, Germany

13:30 WORKSHOP
BONE CELLS STIMULATED BY ULTRASOUND. SIMULATION OF WAVE PROPAGATION IN A PETRI DISH
Cécile Baron
CRCN CNRS,
IRPHé UMR 7342 CNRS/AMU/
Centrale Marseille

14:00 KEYNOTE 2
COMPUTED TOMOGRAPHY: THE FUTURE IN BONE IMAGING
Françoise Peyrin
Inserm, Creatis, ESRF
Lyon, France

Schedule
08:30 Welcome attendees
09:00 Opening remarks H. Follet
09:15 Keynote 1 G. Huber
09:50 Talk Session 1
10:35 Coffee Break
11:00 Workshop P. Lasaygues
12:00 Lunch
13:30 Poster Session
14:00 Keynote 2 F. Peyrin
14:30 Talk Session 2
15:30 Poster Prize Announcement and Closing remarks L.Pujo-Menjouet
June 2nd, 2023

GOOD TO KNOW

**LUNCH PLACE**
Médiathèque - Buffet on site

**POSTER SESSIONS**
Visio - 5 min each (no more than 3 slides for the talk)

**HOW TO COME TO LYON**
- **Airport**: Saint Exupéry airport
- **Train station**: Part Dieu train station is the closest

**GOOD TO KNOW**

**Lyon** is not only one of the best French research poles, it is also one of the best in terms of gastronomy and *joie de vivre*.

**Before** and **after** the symposium, you can stay a couple of days more to enjoy the city and its great restaurants!
# Program and Titles

**June 2nd, 2023**

### Morning / Afternoon

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Welcoming attendees</td>
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<tr>
<td>09:00</td>
<td>Opening remarks</td>
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<tr>
<td>09:15</td>
<td>KEYNOTE 1, Gerd Huber (Hamburg, Germany)</td>
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<tr>
<td></td>
<td>Right answer, wrong question</td>
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<td>09:50</td>
<td>TALK SESSION 1, Computer Methods in Orthopaedics and Bone Research</td>
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<tr>
<td></td>
<td>Aurelie Levillain (Lyon, France)</td>
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<tr>
<td></td>
<td>Failure load prediction of metastatic femur: numerical modeling and</td>
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<td></td>
<td>mechanical characterization</td>
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<td>10:20</td>
<td>Coffee Break</td>
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<tr>
<td>10:30</td>
<td>Workshop, C. Baron</td>
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<tr>
<td>11:30</td>
<td>Lunch</td>
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<tr>
<td>13:00</td>
<td>POSTER SESSION</td>
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<td>13:15</td>
<td>POSTER SESSION</td>
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<tr>
<td>13:45</td>
<td>KEYNOTE 2, Françoise Peyrin</td>
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<td>The present and future in X-Ray CT bone imaging</td>
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<td>14:15</td>
<td>TALK SESSION 2, Recent Advances in Bone and Mineral Research</td>
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<td>Claire Acevedo</td>
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<td>Effect of lactation on spatial mineral distribution in murine bone</td>
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<td>14:15</td>
<td>Talk Session 2</td>
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<tr>
<td>14:15</td>
<td>Poster Prize Announcement and Closing remarks, L. Pujo-Menjouet</td>
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<tr>
<td>11:30</td>
<td>Lunch</td>
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