

CONNECT@LINDFIELD 2020



Lindfield
Collaboration
Hub



CONNECT@LINDFIELD

*Welcome from Katie Green - Operations Manager
for the CSIRO Lindfield Collaboration Hub*

The Lindfield Collaboration Hub's vision is to support and promote the development of deep tech and hardware innovation in NSW. We do this through various channels – including co-location at our CSIRO Lindfield site, networking events and workshops and programs. Over the past four years, with the ongoing funding support of the NSW Governments Boosting Business Innovation Program and a network of experienced facilitators and mentors, we have developed the Connect@Lindfield Commercialisation Program. This programs objective is to take early stage ideas and through a series of customer discovery interviews, transform ideas into viable business models.

The Cohort 2020 have proved themselves resilient, agile and innovate especially in these uncertain times.

COHORT 2020

Meet our teams:

COBICS

SPEROSPACE

CHAROPY

DEFY-HI ROBOTICS



COBICS

CONTACT

Sara Romanazzo,
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In presence of large bone injuries, the body fails to self-heal. This project is developing a new bone mimicking material in combination with novel 3D printing technology, that allows in situ fabrication of complex biocompatible constructs. Key development of this work is a generation of a biomaterial that overcomes the need of any post-processing steps currently needed for existing materials. This should provide significant benefits for treatment of large bone defects, due to trauma, cancer or disease.

Our Team



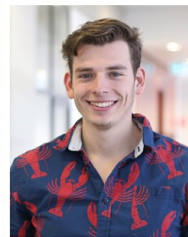
Iman Roohani, PhD
NHMRC ECF Fellow,
Faculty of Science,
Tissue Engineering and
Biomaterials Design,
UNSW





Sara Romanazzo, PhD
Postdoctoral Researcher




Kris Kilian, PhD
Associate Professor, Scientia
Fellow, Faculty of Science,
Chemistry & Materials
Science and Engineering,
UNSW



Tom Molley
RTP Scholar
 



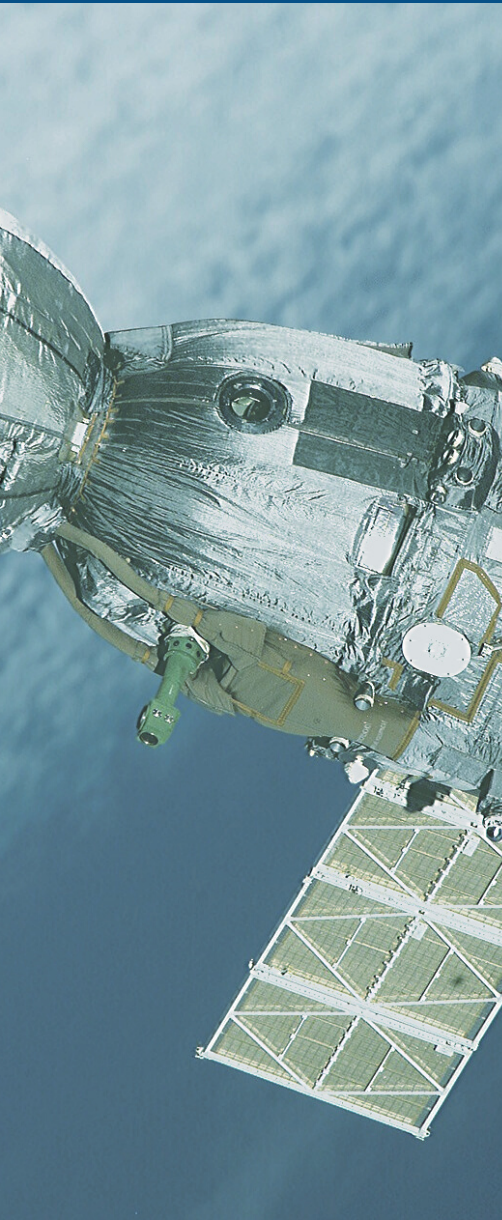
Stephanie Nemeč, MTM
Scientia Scholar
 


**BONE REPLACEMENT
MATERIAL.**

PATIENT SPECIFIC



COBICS



SPEROSPACE

CONTACT

Bohan Deng

CEO - Sperospace Pty Ltd

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In space assembly and servicing. The next giant leap forward for satellites.

Launch constraints have historically made satellite designs extremely difficult to optimise, particularly when non-technical requirements such as budgets are considered. These constraints include but are not limited to vibration, force, and volume limitations.

We aim to reduce these launch limitations by developing critical robotic assembly technology which will make it simple to put a satellite together in space.

TEAM

Bohan Deng

Tom Bannerman



**FREEDOM FROM
LAUNCH
LIMITATIONS.**

SPEROSPACE



CHAROPY

CONTACT

Martin Collings, CEO

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0444525702

Charopy technology works within a container deposit scheme to solve the problem of non kerbside recycling bin contamination.

In offices, food outlets, stadiums, factories, schools and many other locations signage and education programs are simply not working, resulting in sub optimal recycling outcomes and contaminated bin contents often ending up in landfill.

Every aluminium can not recycled that results in a new can being produced creating 20 times more carbon emissions than if that can had been recycled. Charopy technology is perfectly suited to any location where a full reverse vending machine is not viable due to space or cost constraints.

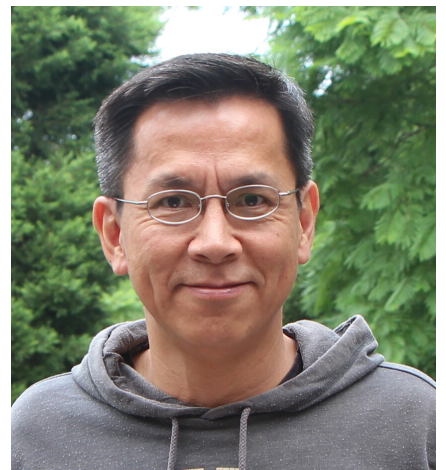
Team

Martin Collings

Man Lee

SMART BIN
TECHNOLOGY

Charopy





DEFY-HI ROBOTICS

CONTACT:

Abbie Widin,
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0407210693

Window and facade cleaning is big business globally. We want to safely clean the inaccessible by using our window cleaning robots to clean the windows and facades of commercial buildings. This will significantly improve human safety whilst lowering costs.

TEAM:

Abbie Widin,
Melinda Johnson

**SAFELY CLEAN THE
INACCESSIBLE**

**DEFY-HI
ROBOTICS**



ANY QUESTIONS

If you have any further questions or queries please contact Katie Green
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Thank you for attending our
Showcase and please tag us on
social media
#connectlindfield2020.

We look forward to hearing from
you.



