

### 2018~2019学年第2学期第6周学术活动安排(3)

序号	主办单位	时间	地点	报告题目	报告人	报告人 职称	报告人单位	联络人
沁湖讲堂之学术 (工程与材料科学)第106讲	省部共建耐火材料与冶金国家重点实验室、材料与冶金学院	2018年4月2日 15:00 (周二)	青山校区钢铁楼1001	Printing with Cells	Xiao Liu	博士	ARC Industrial Transformation Training Centre in Additive Biomanufacturing	李老师 68862085

校科协

2019年4月1日

#### 报告人简介

Dr. **Xiao Liu** is currently a IPRI at ARC Industrial Transformation Training Centre in Additive Biomanufacturing, Intelligent Polymer Research Institute, University of Wollongong. Dr. Liu has extensive research experience in Biofabrication, especially 3D cell printing, including stem cell printing and primary cell printing. Liu's also work on "Design and Development of biomaterial", with a particular focus on combination of electrical, biochemical and topographical cues to deliver stimulation to nerve cells and developed novel surface modification strategies for improved neural interface. She innovatively functionalized conducting polymer with collagen fibrillar matrix for improved neural differentiation and developed novel electroactive 3D platform to guide neural differentiation.