



# PERTH ARTIFACTORY INC.

ANNUAL REPORT  
2022 – 2023





# A WORD FROM **OUR CHAIR**

In the past year, our unwavering commitment to social inclusion has yielded remarkable results. We successfully cultivated a sense of community through events like Woodworking Mondays and Meat & Meet Wednesdays, which have now become integral parts of our calendar.

This year, we have proudly implemented a constitutional change that focuses on a wider inclusiveness to anyone who is interested in joining our community.

Our streamlined online voting system remains pivotal in facilitating new memberships. The ongoing refurbishments have elevated our facilities,

contributing to an enriched experience for all and the enthusiasm and dedication of our members continue to fuel our progress. As an organization deeply committed to the well-being of our members, we have also intensified our focus on mental health support initiatives, enriching the nurturing environment we have always offered.

As we move forward, our vision is for the Perth Artifactory to not only sustain its growth but also deepen its roots within the community, reinforcing our position as the leading makerspace in the country.

- Beau Scott



# SUPPORTING THE COMMUNITY

## OPEN TO THE PUBLIC

The Perth Artifactory is open to the general public for events and workshops, groups, casual hackers, and makers.

Our volunteers are dedicated to providing and maintaining tools, workspaces, machines, and equipment that few people would otherwise have access to.

We are focused on providing a place where people of all backgrounds with an interest in technology or the arts can come together to work on projects, share ideas, and socialise.

## A DIVERSE COMMUNITY

The Artifactory prides itself on welcoming people who find it difficult to engage with mainstream community services. We particularly pride ourselves on engaging –

- ▶ People of all ages, genders, and orientations
- ▶ Neurodiverse people
- ▶ People with disabilities

## OUR PURPOSE

The dominant purpose of the Association is to advance mental health and prevent or relieve social isolation.

The Association pursues this purpose by encouraging and facilitating creative use of technology at the Association's physical premises, where the Association supports individuals to undertake activities, or work on projects, in the company of others.

The objects of the Association, which fulfil its purpose, are to:

- ▶ Promote the creative use of technology
- ▶ Establish, maintain, and equip a shared work space for our members
- ▶ Provide work space, storage, and other resources for the creative and artistic use of technology
- ▶ Foster a collaborative, inclusive, safe, and creative environment for artistic and technological projects
- ▶ Educate and train our members in skills relevant to our purpose
- ▶ Organise educational, social, and cultural events to promote the creative use of technology
- ▶ Raise funds to support our purpose
- ▶ Communicate and collaborate with others with similar objectives



# SPONSORSHIP PROGRAMS

## SPONSORED STUDENT MEMBERSHIP PROGRAM

This program is now four years old and has supported more than 18 tertiary students that otherwise wouldn't be able to access the space. From engineering to metal sculpting, the support of our student sponsors has allowed us to truly diversify the space.

The Sponsored Membership Program provides:

- 3 months of membership and free/discounted entry to workshops and events at the Artifactory
- Support and training on the usage of Artifactory equipment and resources
- One-on-one mentoring with experienced Artifactory members

"Being granted a sponsored membership has allowed me to develop my creative practice without limitation. The advice, assistance, and access to resources has already helped me more than working from campus ever has. Everyone is kind and helpful and a pleasure to spend time with. Thank you again for allowing me this opportunity."

- Opie Robinson, sponsored student

## RESIDENT NOIZE ARTIST PROGRAM

The Artifactory provides a rotating artist residency, where the artist in residence gets free access to the workshop as an associate member and with an opportunity to perform at several monthly experimental music nights as part of NoizeMaschin!!

Over a three to six month period the successful applicant receives:

- 24 hour access to the Artifactory
- Support and training on the usage of Artifactory equipment and resources
- Free entry to Artifactory workshops and events
- 3 performance slots of 10 minutes at NoizeMaschin!! Perth
- Access to the Artifactory Rehearsal Room

The residency program is designed to assist with the creative development of original DIY projects and foster composer, musical, and artist engagement. Consecutive performance opportunities help artists to develop their craft in a supportive environment.



# EVENTS & **WORKSHOPS**





# EVENTS & WORKSHOPS

Financial Year	Artifactory Member Run	External Party Run	Total
2016 - 2017	126	33	159
2017 - 2018	135	56	191
2018 - 2019	190	72	262
2019 - 2020	181	45	226
2020 - 2021	171	28	199
2021 - 2022	149	34	183
2022 - 2023	171	28	199

Events	Host	Number Held
General Hacking Day	Artifactory	52
Arduino U	Artifactory	26
Talk Shop Wednesday	Artifactory	26
Perth Hackers Open-Source Afternoons	Perth Open Source Hackers & Perth Linux Users Group	12
Open Days	Artifactory	12
Laser Maintenance Meetup	Artifactory	9
Metal Monday	Artifactory	26
Leathercraft Workshops	Western Leathercraft	10
Modular Synth DIY Workshops	West Australian Modular Synthesizers	6
Woodworking for Women	Artifactory	11
Board Games	Artifactory	6
Meet Your Maker	Artifactory	1
Noizemaschin!!	Artifactory	2





## GENERAL HACKING DAY

Our volunteers open our workshop to the public every Saturday to “hack” (work on) any project imaginable, from wood turning to electronics soldering!

These sessions are an ideal time for the public to come see and use our facilities, with lots of volunteers around to offer training, advice, or just have a good old fashioned chat.



## ARDUINO U

The Artifactory continues to host the most popular public meetup for electronics enthusiasts in Perth!

“I want to learn electronics” is our single most popular enquiry from the public,

Arduino U remains a great event where people taking their first steps with electronics can meet, learn, and work on their projects with experienced, easy going experts.







## WOMEN'S WOODWORKING

New this year is an event where women gather to work on woodworking projects, learn new skills, be trained in the use of tools and machinery and share ideas.

The group welcomes people with various levels of experience, including some using power tools for the very first time.

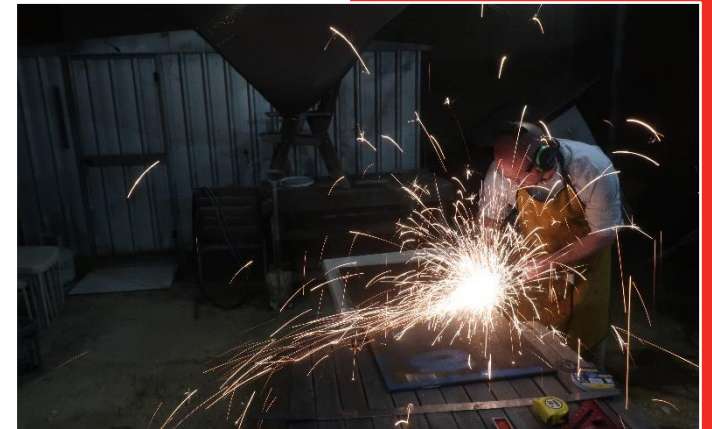
The focus is on coming together to support each other to create things in a safe way and share our experiences.



## METAL MONDAY

The space is alive - with the sounds of machining, welding, and grinding!

This year the Metal Monday group completed upgrading the metal lathe and started a new project to upgrade the CNC router.







## TALK SHOP WEDNESDAY

Continuing on 13 years of tradition, Talk Shop Wednesday (or "Meet & Meat" Wednesday) has been re-invigorated as the must-attend social event on the Artifactory calendar!

This event brings the entire Artifactory community together. It's tools down for an evening of food, conversation and companionship.





## START MAKING! BEGINNER'S DAY

Some of our new members have aspirations to become great makers, but they're not quite sure where to start!

This new event is dedicated to bringing new makers into our community, matching them up with experienced volunteers to provide training and advice.



## WORK ON THE WORKSHOP

We have lots of projects to improve the workshop that are too big for any one person to handle.

This event brings groups of members together to tackle those projects in teams!

Whether it's erecting shade sails or re-arranging the space, everyone gets satisfaction in a job well done.



# EVENTS & WORKSHOPS

## 2022 - 2023



## DIY SYNTH WORKSHOPS

Hosted by WAMod: West Australian Modular Synthesizers and often known simply as “ModSynth”, this workshop is one of the Artifactory’s most popular workshops. Enthusiasts of analogue “eurorack” style synthesisers meet up and build modules. These modules are wired together in a rack and a cacophony of sounds ensue!



## LEATHER CRAFT WORKSHOP

This workshop provides lessons in traditional and modern leathercrafting by Western Leathercraft. Attendees are taught to make their own leather accessories like wristbands using common leathercrafting tools. The classes provide the skills necessary to successfully manufacture your own creations!

## LASER MAINTENANCE MEETUP

Our laser cutters are maintained by a dedicated group who meets regularly to attend to their needs! Experienced laser maintainers teach new hands how to clean, adjust, and recover from the inevitable mistakes that happen while using the lasers.



## BOARD GAMES

Revived for 2023, these afternoon events are a low-key, social event for Artifactorians to take a break from the workshop and enjoy a board game or two.

With a focus on exploring new games and friendly competition, everyone's a winner!





# EVENTS & WORKSHOPS

2022 - 2023



## NOIZEMASCHIN!!

Noizemaschin!! is a noise and experimental music concert held at the Perth Artifactory

Starting from its first concert in July 2011, Noizemaschin!! has recorded all performances and made them available via their account on YouTube, providing both an archive and degustation of the current Perth experimental music scene.

It is where our Resident Artists get to show and perform their creations.



# ARTIFACTORY **OUT & ABOUT**





## CURTIN ROBOTICS

This year the Artifactory and the Curtin Robotics Club teamed up to run a soldering workshop at Curtin University.

Students new to electronics were grouped up with experienced volunteers, who guided them through the process of soldering and assembling a simple circuit board.

We're now working with the Curtin Robotics Club to make this a regular event, both at Curtin and the Artifactory. The goal is to bring together our electronics community so they can share their experience and learn in a safe and relaxed environment.





## ARTIST IN SITU

The City of Stirling's newest art initiative connected the community with contemporary artists and their art practices.

Anton Lord imagined the idea of "Smiley" with the help of his teenage daughter - a playful piece centred on the idea of "what is a smile". The free-standing kinetic work featured a number of smiley pieces that rotated over time to create a smiley face.

The Artifactory hosted a number of maker sessions where the community participated in building the artwork.



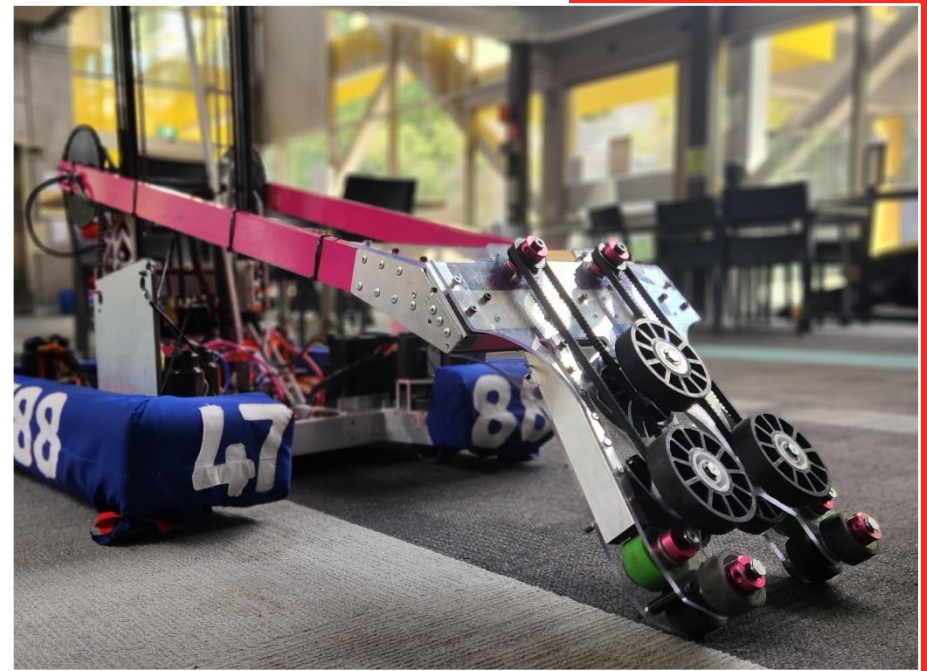
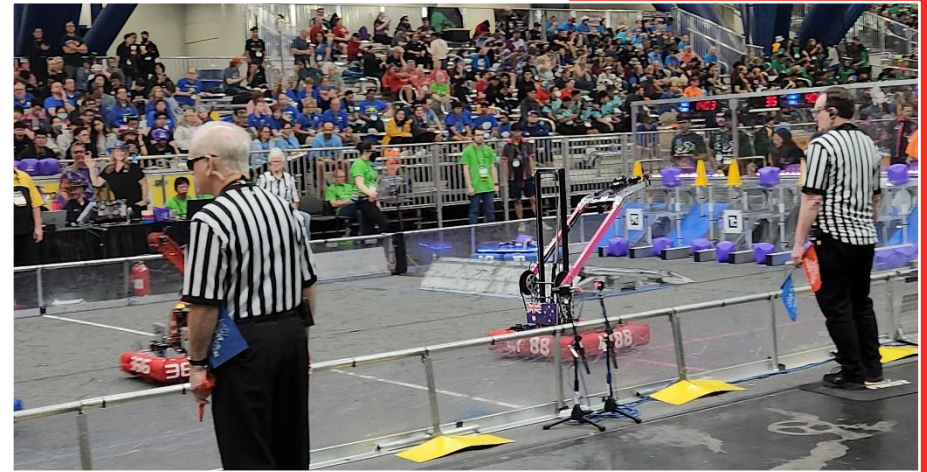
Courtesy City of Stirling



## FIRST ROBOTICS

Team 4788 "Can't Control" is Curtin University's highschool FIRST robotics team. They compete at a national and international level, achieving great success year round.

The Artifactory sponsors these amazing students by providing access to tools and training to raise their manufacturing to the next level. A level that they couldn't achieve without support of the Artifactory.



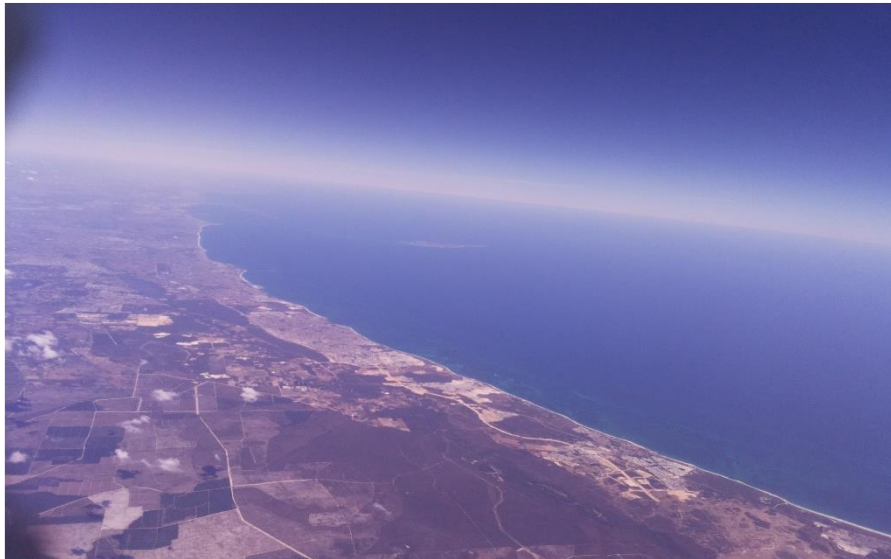


## SPACE CLUB

Space Club is an Artifactory initiative that is open to anyone who is interested in Space, space craft and space exploration.

We run community projects, pooling the talent of engineers, coders and enthusiasts to investigate space. We've launched our first High Altitude balloon in January 2023 and aim to launch our second this November.

Our ultimate goal is to get hardware into space.





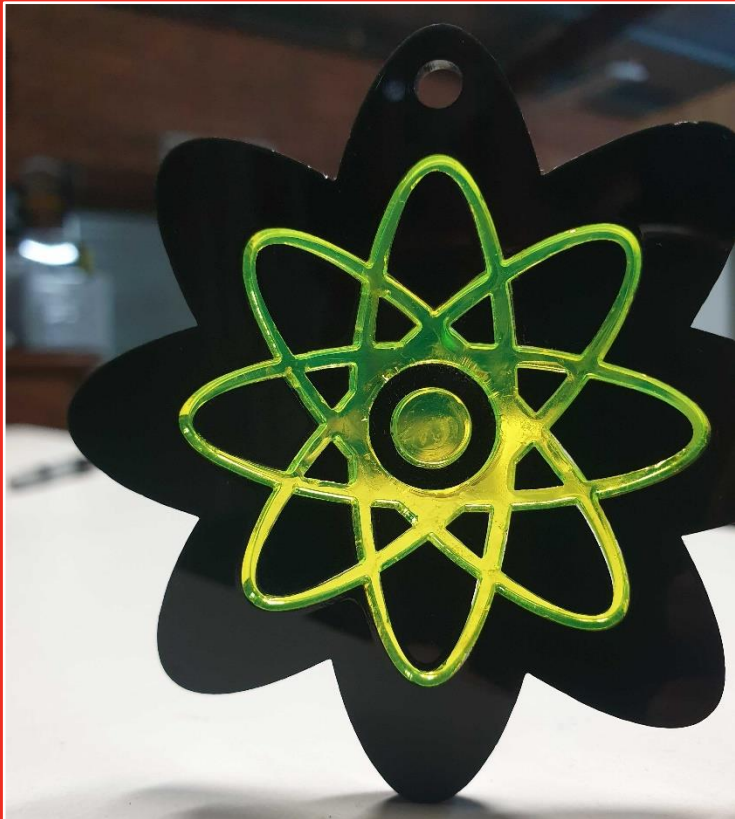
# MEMBER SHOWCASE



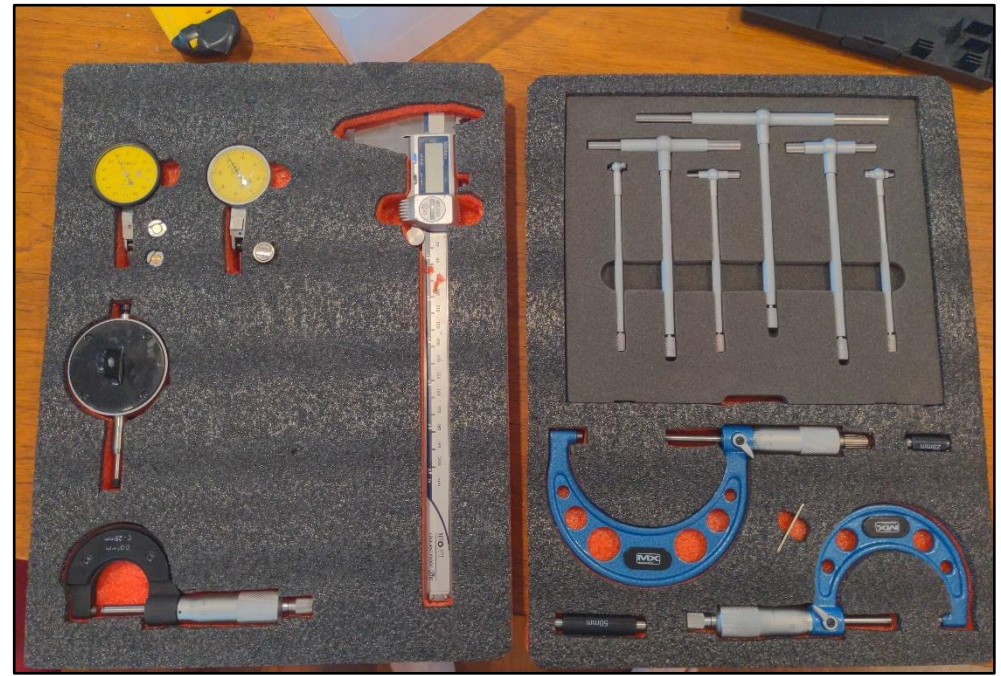
## MEMBER SHOWCASE

Artifactory members make some incredible things. Please take a look and be inspired to make your own creations! Always remember the Artifactory motto:

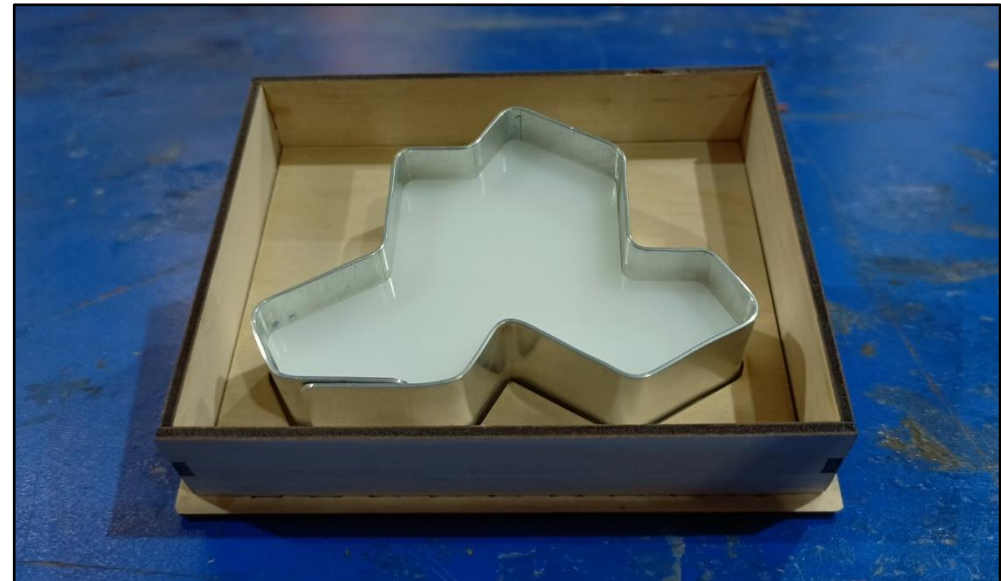
*"Don't think, make!"*



Acrylic inlays - Jethro Van Kins



Custom measuring tool case - Ben Connor



Industrial-strength cookie cutter - Lewis Yip

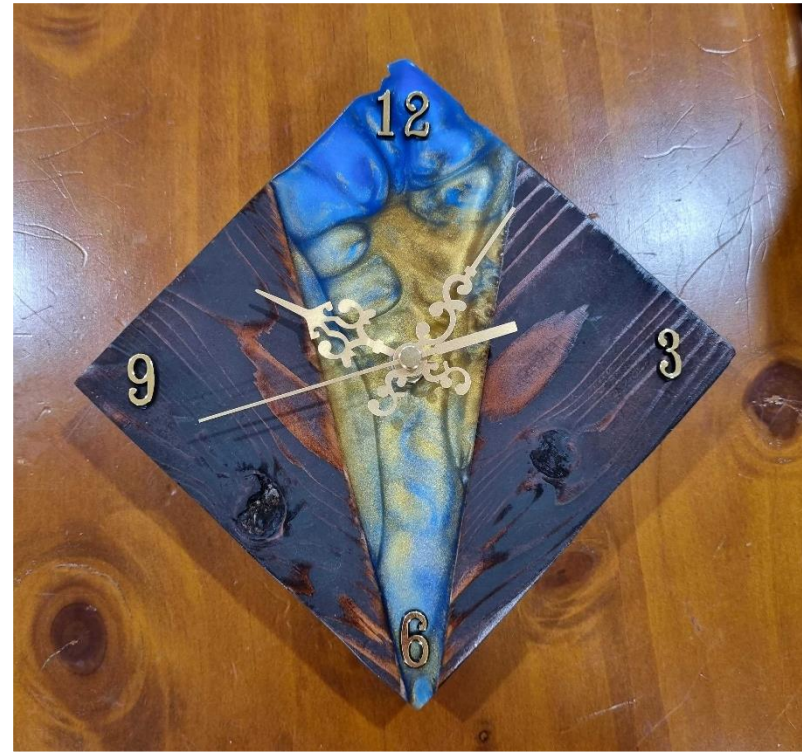




## CLOCKS

Tegan Murphy

Woodworking, metalworking and epoxy resin combine to make practical, one-of-a-kind timepieces!







The final print

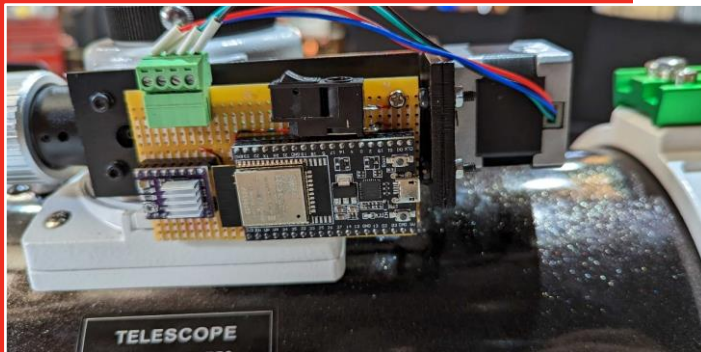
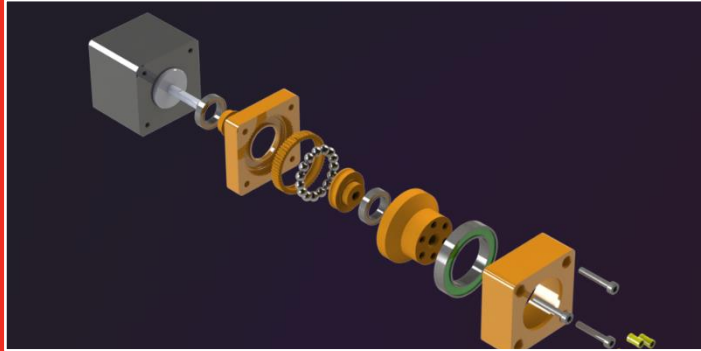
## WOODBLOCK PRINTING

Josh Walters

Cutting edge technology combined with ancient methods! A wood block engraved with 21<sup>st</sup> century laser cutters was used to produce large format prints using 2<sup>nd</sup> century block printing techniques.



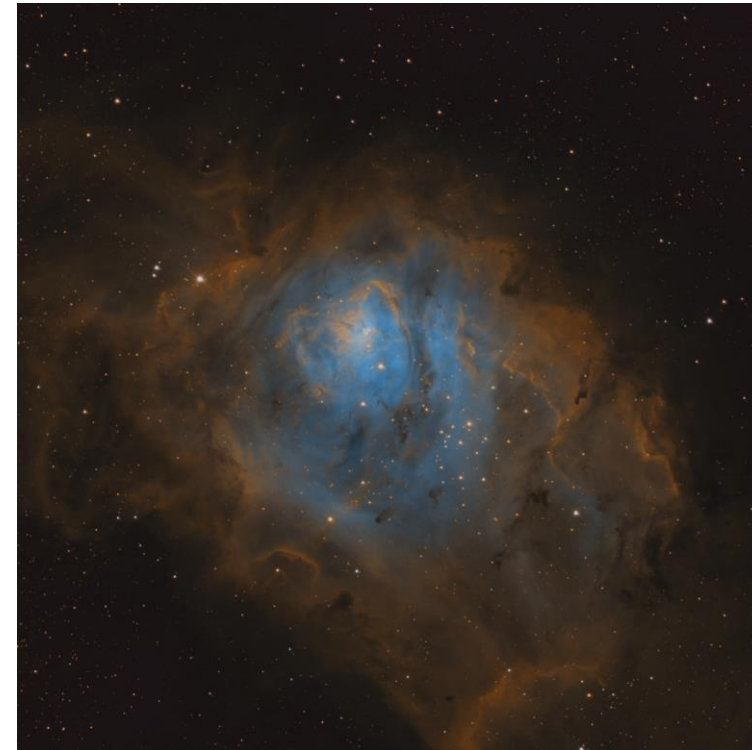
Laser-engraved negative



## TELESCOPE AUTO-FOCUSER

Iain Graham

The auto-focuser uses software to focus a telescope based on the roundness of stars in the image. Combining software, 3D printing, and electronics, this enables photos that would be impossible if focusing by hand!



The Lagoon Nebula - taken with narrowband filters through a 6" Newtonian telescope

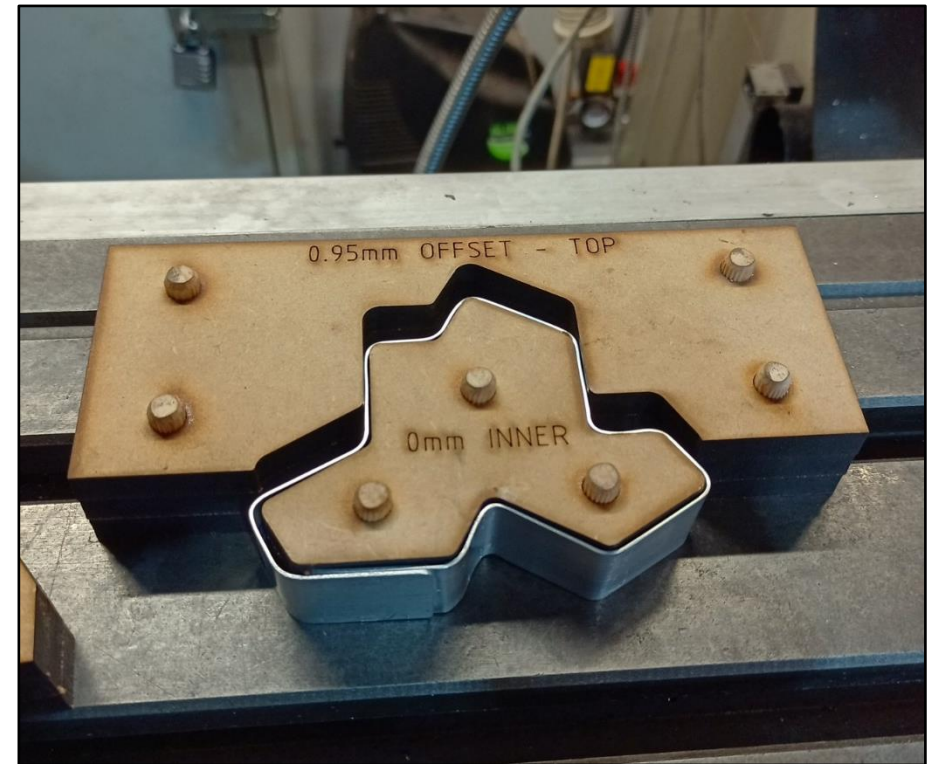




## HEAVY DUTY COOKIE CUTTERS

Lewis Yip

Custom cookie cutters in the shape of “the hat”, a newly discovered mathematical shape! Finesse (laser cutters), fire (heat treatment) and brute force (hydraulic press) turns simple aluminium strips into super-strong shapes!







## PAINT IT BLACK

Beau Scott, Joshua Rospondek

You can't buy a black hole, but you can make one! Painting objects with ultra-black paints gives an otherworldly effect. Beau and Joshua showed each other their tricks for achieving the perfect finish.





## WOOD TURNING

Renae Currie

I have had an exciting start to my journey as a woodturner, significantly assisted by our new woodturning head of inductions: Graham Turner. From turning my first piece in October 2022, I have developed the confidence to make a range of pieces and (safe) mistakes. I recently won first place in the beginner's section of the WA Woodturning Associations monthly competition with a fruit bowl I turned with the rim decorated with a Celtic design made on the laser cutter.





# ENHANCEMENTS TO **THE ARTIFACTORY**





# ENHANCEMENTS TO THE ARTIFACTORY

Another year of significant improvements to the tools and equipment available for use at The Perth Artifactory! We thank the generous member contributions of time and money that made all these improvements possible.



The Artifactory ethos has always included a strong community spirit of sharing and helping. Our members are always coming together to teach each other new skills as they work to improve the Artifactory's equipment and facilities.

This year's improvements, made possible by our members' generous contributions of time, materials, and know-how, include -

- Metal lathe upgrade
- Lighting upgrade to social and project areas
- Foyer renovation
- Workshop Automation
- Laser cutter deep cleaning
- CNC router upgrade (ongoing)
- Podcasting / recording setup
- Kitchen facilities
- Courtyard cleanup

# ENHANCEMENTS TO THE ARTIFACTORY



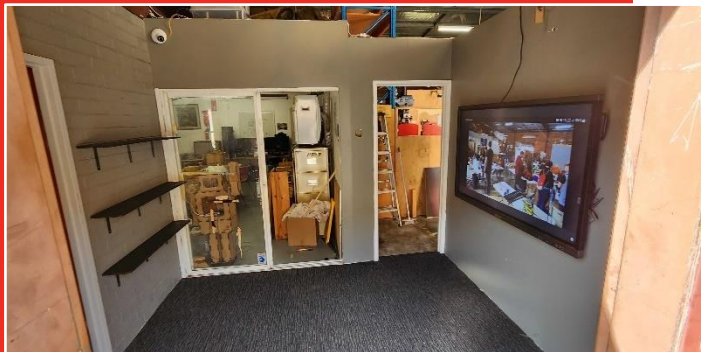
## METAL LATHE

The Metal Monday group project to upgrade the lathe has delivered full variable speed operation at the turn of a knob! A collaboration between our electrically and mechanically-minded members.



## LIGHTING

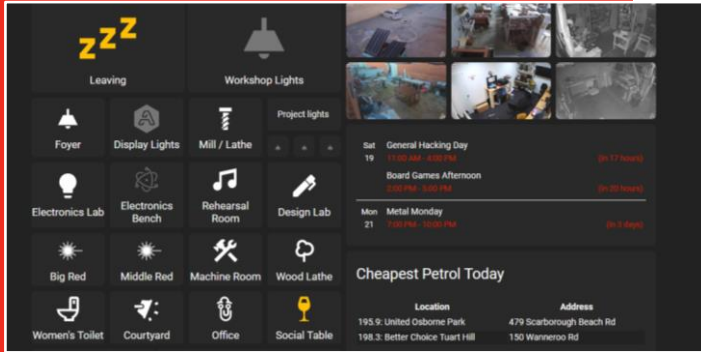
Lighting throughout the space has been extensively upgraded to provide more and better quality light to all areas, improving safety and lifting everyone's mood!



## FOYER

A group of our members came together to refresh this tired space with brand new flooring and a fresh coat of paint. Now every visit starts off in a bright, modern space, setting the tone for the rest of the session!





## WORKSHOP AUTOMATION

Full Workshop Automation has been set up by our tech-savvy members. The system automatically controls nearly all the lights and power in the space. This change has positively impacted members, greatly simplifying the process of turning everything off at the end of the day. As an added benefit, this change is helping reduce our power usage and increase our sustainability.



## LASER CUTTER DEEP CLEANING

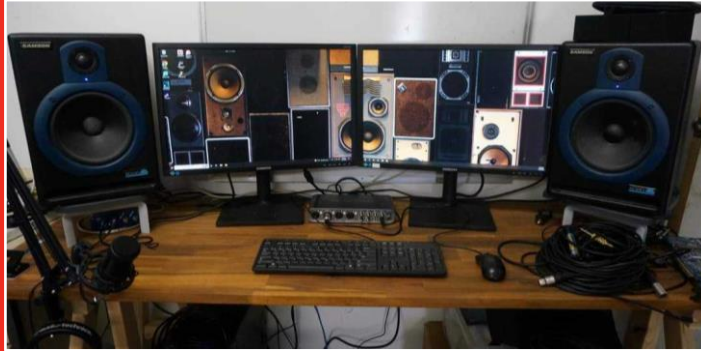
Our primary laser cutter “Big Red” was given a deep clean. Members were very hands on to remove the years of baked-on grime. These efforts have resulted in the amount of residue left on laser cut parts being greatly reduced. The impact is felt by members and casual users alike in the increased quality of products they can produce in the space.



## CNC ROUTER UPGRADE

Building on the success of the lathe project, the Metal Monday group have now turned their attention to refurbishing a CNC router. This will be a huge upgrade to our existing CNC router in both size and power.

# ENHANCEMENTS TO THE ARTIFACTORY



## PODCASTING/RECORDING SETUP

This year we've expanded our audio creation facilities with the addition of a dedicated podcasting/recording PC, located right outside the rehearsal room.



## KITCHEN

Our kitchen facilities have been improved with the addition of a easy-to-clean stainless steel workbench and a selection of kitchen appliances. This upgrade has enabled us to evolve Talk Shop Wednesday to Meat & Meet, providing a foundation for us to build future, social focused events.



## COURTYARD

Our rear courtyard area has been given a much needed cleanup and is now much more open and spacious! The main work table has been re-topped to provide a straight level surface for members to work on.



# FINANCIAL REPORT



# FINANCIAL REPORT

## TREASURER'S COMMENTARY

Over the past year, we've experienced marked growth in our membership numbers. Both concession and full memberships showed notable increases – a promising sign of trust and loyalty from our community.

Despite the encouraging surge in memberships, our overall financial position is not strong. Our cash reserves are not as robust as we would like but we remain committed to strengthening our financial footing.

Our roadmap to financial resilience includes targeted strategic initiatives. One such initiative is the restructuring of our governance over the last year. This restructuring positions us for an application to be recognised as a Deductible Gift Recipient (DGR) which can open the door to increased sponsorship and donation opportunities.

Moreover, we have entered into several sponsorship agreements with groups that complement our aims. These alliances are designed to extend our community reach without unduly draining our financial resources.

Reflecting our commitment to accessible community service, and acknowledging the increased cost of living, we have thus far chosen not to raise our prices. We strive to ensure our workspaces and services remain accessible to our community despite the current economic climate.

Looking ahead, while our financial strength is essential, we recognize that the key to our long-term success lies in our members - their enthusiasm, commitment, and passion represent the driving force of our organization. We remain focused on maintaining a supportive and respectful environment where our members can continue to thrive.

We have put a particular focus on curating events that enrich the social engagements of our existing members. Events like our social Wednesdays and board gaming afternoons have helped fostered stronger connections and camaraderie within our community.

I'd like to thank every member of our community for their endless support and generosity. Without you, we would not exist.

- Fletcher Boyd

NB: This report includes reconciled data taken from our bank, in-house financial records, as well as records from our merchant services. We use cash-based accounting which ensures that we can accurately reflect our financial standing while remaining considerate of the administrative burden placed on volunteers and financial hardships faced by individual members.



# INCOME / EXPENDITURE

<b>Income</b>	<b>2022-2023</b>
Membership Fees	\$ 40,189.60
Workshops / Events / Tool Fees / Fundraising / Casual Fees / Other	\$ 15,047.90
Key Bonds	\$ 2,224.78
Equipment Sales	\$ 1,463.49
Ticketed Events	\$ 1,376.34
Product Sales	\$ 507.89
Donations - Sponsored Memberships	\$ 405.00
Donations - Pledged Projects	\$ 236.04
Containers for Change	\$ 168.60
General Donations	\$ 100.00
<b>Total</b>	<b>\$ 61,719.60</b>
<b>Expenditure</b>	<b>2022-2023</b>
Lease and Outgoings	- \$ 51,012.70
Electricity	- \$ 3,878.00
Insurance	- \$ 2,972.74
Bar/Kitchen Restock	- \$ 2,916.65
IT	- \$ 2,686.51
Equipment Purchases and Maintenance	- \$ 2,396.71
TidyHQ Fees	- \$ 890.00
Waste Removal	- \$ 804.03
Bank Fees	- \$ 618.48
Pledged Project Fulfillment	- \$ 393.95
Promotions	- \$ 313.39
<b>Total</b>	<b>- \$ -68,883.20</b>



# INCOME / EXPENDITURE

<b>Overall</b>	<b>2022-2023</b>
Income	\$ 61,719.60
Expenditure	- \$ 68,883.20
<b>Total</b>	<b>- \$ 7,163.54</b>

# ASSETS & LIABILITIES

<b>Assets</b>	<b>30 June 2023</b>
Accounts & Cash Balance	\$ 6,797.39
Guthrie St Lease Bond \$6,000.00	\$ 6,000.00
Assets (conservatively estimated & insured at 100K)	\$ 100,000.00
<b>Assets on 30th June</b>	<b>\$ 112,797.39</b>

<b>Liabilities</b>	<b>30 June 2023</b>
24/7 Key Bond Held	- \$ 17,695.78
<b>Liabilities on 30th June</b>	<b>- \$ 17,695.78</b>

<b>Net Assets</b>	<b>30 June 2023</b>
<b>Net Assets on 30th June</b>	<b>\$ 95,101.61</b>



# MEMBERSHIP

	2018-19	2019-20	2020-21	2021-22	2022-23
Full Memberships	34	35	42	31	44
Concession Memberships	28	29	32	20	32
Band Memberships	3	3	2	3	2
Associate/Other Memberships	5	6	0	1	3
<b>Total</b>	<b>70</b>	<b>73</b>	<b>76</b>	<b>55</b>	<b>81</b>

## COMMITTEE 2022-2023

Chair:	Beau Scott
Vice Chair:	Vincent Dalstra
Secretary:	Lewis Yip
Treasurer:	Fletcher Boyd
Deputy Secretary:	Phoebe-Jean Harris
Deputy Treasurer #1:	Ben Connor
Deputy Treasurer #2:	Renae Currie
Ordinary Committee Member :	Johannes Chuah
Ordinary Committee Member:	Joshua Rospondek



## THANKS TO...

On behalf of the Artifactory community, the Management Committee thanks everyone who has donated their time, resources, and goodwill to support the Artifactory this year.

## SUBCOMMITTEES

- ▶ IT
- ▶ Associate Memberships Panel
- ▶ Infrastructure
- ▶ Lasers
- ▶ Promotions

## OFFICERS

Events Officer: Phoebe-Jean Harris  
Membership Officer: Fletcher Boyd  
Member Storage Officer: Steve Hodges  
Quartermaster: Vincent Dalstra  
Rehearsal Room Coordinators: Johannes Chuah, Martin Gonzalez  
The Ambassador: Magnus Danger Magnus

## EVENT HOSTS

Bannon, Boyd, Chuah, Connor, Currie, Dalstra, Fraser, Greenhill, Harris, Hodges, Kougiannos, Leitch, Murphy, Navin, Perry, Samuels, Thompson, Yip, and the many others accidentally omitted!







**ARTIFACTORY**  
PERTH'S MAKER SPACE

**PERTH ARTIFACTORY INC**

8/16 Guthrie St  
Osborne Park WA 6017

W: [artifactory.org.au](http://artifactory.org.au)

E: [info@artifactory.org.au](mailto:info@artifactory.org.au)

S: [perart.io/slack](https://perart.io/slack)

**ABN: 16 847 853 023**

Perth Artifactory Inc is a not-for-profit incorporated association in Western Australia and registered as a charity with the Australian Charities and Not-for-profits Commission.