



# Australasian Fluid Mechanics Society (AFMS)

## **Purpose**

The Australasian Fluid Mechanics Society (AFMS) is an independent non-profit society that supports and fosters interest in fluid mechanics and related disciplines in the Australasian region. This is done by providing a forum for people with a common interest, and by publishing or promoting relevant material. The Society aims to actively represent the views of its members to governments, institutes and the public. It supports all those with an interest in fluid mechanics including researchers and professionals.

## **Commitment to Equity, Diversity and Inclusion in Fluid Mechanics**

The AFMS supports all those with an interest in Fluid Mechanics including researchers, students and professionals. The Society strives to uphold and improve Equity, Diversity & Inclusion (EDI) in all its activities and seeks to increase indigenous engagement and awareness of traditional knowledge and skills in Fluid Mechanics.



## 1. Advance and enable activity in fluid mechanics and related disciplines in the Australasian region

The AFMS aims to achieve this through mechanisms such as:

- The organisation and financial underwriting of the biennial Australasian Fluid Mechanics Conference (AFMC);
- Financial support for students and members to participate in AFMCs;
- Student-presentation prizes at the AFMC;
- The conferral of AFMS fellowships and leadership awards that recognise and inspire excellence in Fluid Mechanics;
- The award of grants for symposia and workshops in Fluid Mechanics; and
- The development or provision of materials for Fluid Mechanics education.

## 2. Provide a forum for people with common interests in Fluid Mechanics

The AFMS aims to achieve this via the use of publications or promotion of relevant material, through

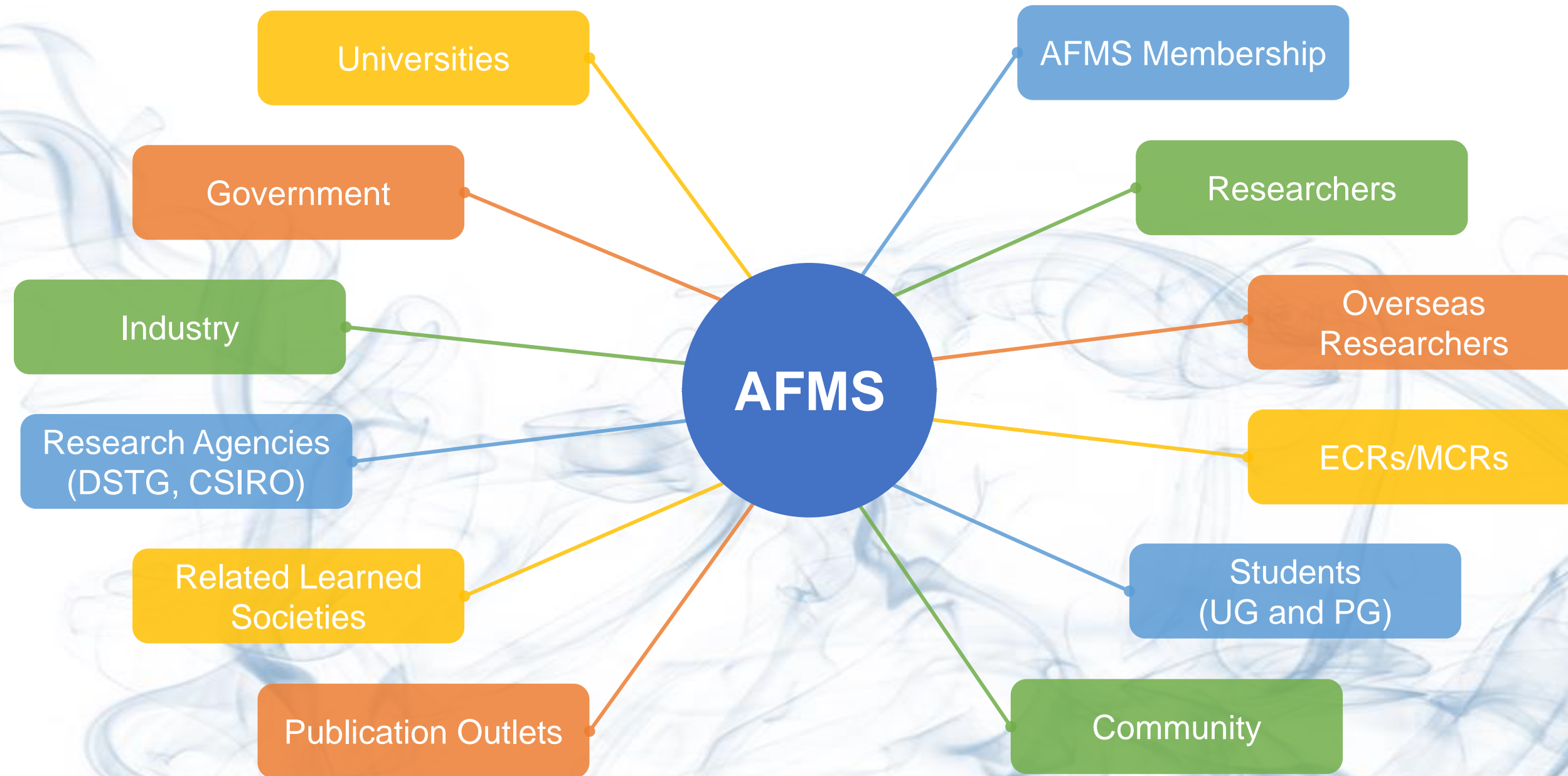
- Open availability of all research papers arising from the AFMC series;
- Financial support for, and oversight of, AFMS local chapters;
- Organisation of the AFMS seminar series and the archiving of presentations in the series;
- The AFMS website as a resource centre and information channel; and
- Offering specialised support for students and early-career researchers in Fluid Mechanics.

## 3. Actively promote the value of Fluid Mechanics, and represent the views of the Society's members

The AFMS aims to achieve this through public measures to engage governments, industry, institutes such as:

- Outreach work that communicates the meaning and value of Fluid Mechanics in non-specialist terms to lay audiences;
- Engaging with reviews, or responding to government policies, that impact upon the work and activities of AFMS members;
- Building links with industry to further build and utilise applied research capabilities that yield local and national benefits in the Australasian region; and
- Quantifying the economic value of Fluid Mechanics to the Australasian region.

# AFMS Stakeholder Map



- The AFMS principally engages with its stakeholders and carries out its mission through the AFMS sub-committees
- Special working groups may be set up for the fixed period of a special initiative or project

# AFMS Sub-Committees Overview



	Student Prizes	ARC College of Experts	Fellowships	Future AFMC	Outreach	AFMS Local Chapters	Women in Fluid Mechanics	Student / ECR
Goal	Encourage and financially support student participation in AFMCs, and recognise and reward excellence in students' presentational skills	Support researchers in Fluid Mechanics to produce nationally competitive research grants for submission to ARC funding schemes	Recognise and celebrate exemplary contributions to Australasian Fluid Mechanics	Encourage and support bids for future Australasian Fluid Mechanics Conferences	Promote the activity and capacity of the AFMS and its members to the public, government and industry	Promote and support engagement of AFMS members and other stakeholders at regional level to focus on regional needs and interests	Promote, support and encourage greater diversity, equity and inclusion within the AFMS	Enhance engagement and participation of Students and Early Career Researchers (ECRs) with the wider fluid mechanics community
Achievements (to 2022)	<ul style="list-style-type: none"> <li>Established student-presentation awards</li> <li>Established student-participation awards</li> <li>Established formal mechanisms to recognise AFMS student-member excellence</li> </ul>	<ul style="list-style-type: none"> <li>ARC College to include Fluid Mechanics expertise</li> <li>ARC 4-digit code, and 6-digit subset codes for "Fluid Mechanics and Thermal Engineering"</li> <li>Lobby ARC on pre-print decision in grants</li> </ul>	<ul style="list-style-type: none"> <li>Established policy and rules for AFMS Fellowships</li> <li>Manage and award the AFMS Fellowships</li> <li>Maintain and update citations for AFMS Fellows</li> </ul>	<ul style="list-style-type: none"> <li>Developed guidelines for hosting an AFMC</li> <li>Established open and transparent bidding cycle</li> <li>Successful management of bidding for AFMCs over last 5 years</li> <li>Statistics and communication of AFMS hosting since 1960</li> </ul>	<ul style="list-style-type: none"> <li>Re-designed AFMS Website</li> <li>Established and run the AFMS Twitter account</li> <li>Established AFMS Podcast Series</li> <li>Development of appropriate Twitter handles for AFMC events</li> </ul>	<ul style="list-style-type: none"> <li>Development of a formal system that supports local chapters</li> <li>Creation of the Australian Capital Territory (ACT) Local Chapter</li> <li>Approval for a Western Australia (WA) Local Chapter</li> </ul>	<ul style="list-style-type: none"> <li>Developed the gender Policies for AFMCs</li> <li>Established equity grants to promote and support greater diversity</li> <li>AFMC Support and WiFM Events</li> <li>Established WiFM Communication</li> </ul>	<ul style="list-style-type: none"> <li>Developed format for AFMS Student/ECR Retreat</li> <li>Organised and ran the 2022 AFMS Student/ECR retreat</li> <li>Delivered inaugural AFMS Retreat in 2022</li> <li>Established "Conversations in Fluids" Seminar Series</li> </ul>
Current Activity (2021-2022)	<ul style="list-style-type: none"> <li>Operational mode servicing the key initiatives that have been established</li> </ul>	<ul style="list-style-type: none"> <li>Monitoring and reporting the success rates of Fluid Mechanics ARC Grants</li> <li>Lobbying Federal Government to adopt the Australian Research Council Amendment</li> <li>Encouraging, supporting and promoting AFMS members to join the ARC College of Experts</li> </ul>	<ul style="list-style-type: none"> <li>Management of AFMS Fellowship application, assessment and awarding</li> <li>Support and contribute to the selection and awarding of the Emerging Leader Award</li> </ul>	<ul style="list-style-type: none"> <li>Developing survey on decision-making in selection of AFMC Bid</li> <li>Identification of potential future locations based on statistics of events</li> <li>Active identification and encouragement of members to Chair AFMC bids and events</li> </ul>	<ul style="list-style-type: none"> <li>AFMS National Seminar series and podcast</li> <li>Enhancing social media engagement and presence</li> <li>Promotion of AFMS to members, stakeholders and community</li> </ul>	<ul style="list-style-type: none"> <li>Regeneration and/or creating of local chapters post Covid-19</li> <li>Create awareness of AFMS support for, and the benefits of local chapters</li> <li>Policy review and management</li> </ul>	<ul style="list-style-type: none"> <li>Developing travel awards to provide structural support for under-represented cohorts</li> <li>Planning 23AFMC WiFM event</li> <li>Establishing consistent communication with mailing list</li> </ul>	<ul style="list-style-type: none"> <li>Biennial Student/ECR/MCR Retreats</li> <li>Online Seminars</li> <li>Ongoing support to other sub-committees with strong stakeholder cross over</li> </ul>
Strategic Focus (2022-2025)	<ul style="list-style-type: none"> <li>Investigating potential to increase number of student-presentation prizes</li> <li>Develop appropriate awards and prizes for other student activities to increase engagement with the Fluid Mechanics community</li> </ul>	<ul style="list-style-type: none"> <li>Promote the use of the FoR ARC Codes for fluid mechanics to AFMS Members</li> <li>Encouraging and promoting members to act as detailed assessors</li> <li>Participating and contributing to the review of ARC processes to ensure Fluid Mechanics is captured and supported by national research funding</li> </ul>	<ul style="list-style-type: none"> <li>Maintain high quality nomination and selections of AFMS Fellows</li> <li>Implement suitable mechanisms to address current gender imbalance in AFMS Fellows</li> <li>Promote AFMS Fellows from outside Academia</li> </ul>	<ul style="list-style-type: none"> <li>Complete survey on decision making</li> <li>Solicit and select 26AFMC bids</li> <li>Establish process for rationally and transparently soliciting bids to have equitable reach</li> </ul>	<ul style="list-style-type: none"> <li>Continue to grow Twitter following and engagement</li> <li>Promote engagement of AFMS social media to members</li> <li>Extend social media presence beyond Twitter</li> <li>Extend our social media reach</li> <li>Find methods to extend AFMS presence into traditional media</li> </ul>	<ul style="list-style-type: none"> <li>Increase number of local chapters across Australasia</li> <li>Investigating feasibility of AFMS Eminent Speaker tour to local chapters</li> </ul>	<ul style="list-style-type: none"> <li>Create organisational structure of sub-committee</li> <li>Increase communication with Society</li> <li>Develop EDI reporting mechanisms to track process</li> <li>Establish social media profile for WiFM</li> </ul>	<ul style="list-style-type: none"> <li>Increase reach of online seminar series</li> <li>Plan career-oriented programs</li> </ul>

# Student Prizes



Goal	To encourage and financially support student participation in AFMCs, and to recognise and reward excellence in students' presentational skills
Purpose	The subcommittee develops and updates AFMS policy on the organisation and oversees the evaluation of prizes and awards for students
Members	Tony Lucey (C), Maryam Abdolahpour, Mathieu Sellier, Sharon Stephen
Year Established	2013

## Achievements (up to 2022)

The Student Prizes sub-committee has developed and established several initiatives aimed at recognising and rewarding the excellence of research students in the AFMS community. This includes:

- the AFMS policy for the management and judging of the **student-presentation awards** at AFMCs and the successful implementation of the awards scheme at each of 19th – 22nd AFMCs
- the AFMS policy for the awards (registration-fee waiver) **supporting participation in AFMCs** and the successful implementation of the awards scheme at each of 20th – 22nd AFMCs
- the establishment of a **student-presentation award winners' section on the AFMS website** where all award winners (presenter and participation) are listed and the featuring of all winners in AFMS newsletter for direct communication to the AFMS community

## Current Activity (2021 – 2022)

The Student Prizes sub-committee is currently focused on the operational needs of the promotion, planning and evaluation of the Student Prizes. The sub-committee is also working to continuing review and revise policy documents to ensure the AFMS Student Prizes maintain engagement and relevance to AFMS student members. Specifically, the sub-committed is:

- Coordinating all elements of **AFMC Participation Awards** for the upcoming AFMC including promotion of the award through multiple networks (email, newsletter, social media) and the review and selection of awardees ahead of conference registration deadline
- Coordinating with the AFMC Local Organising Committee to ensure that all registered **AFMC Student Presentations Awards** applicants at the conference are judged by several qualified judges and developing judging criteria to identify the winners of the three named prizes in accordance with AFMS policies
- Performing continual **Policy Review** of the documents governing students awards and prizes to ensure they are up to date, relevant to the AFMS student community and in accordance with the mission of the AFMS

## Strategic Focus (2022 – 2025)

The Student Prizes sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Review current number of student awards and advise if they should / can be increased above the current three available

### 3 year focus (2024/5):

- Develop appropriate awards and prizes for other student activities to increase engagement with the Fluid Mechanics community

# ARC College of Experts



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Goal	To support researchers in Fluid Mechanics to produce nationally competitive research grants for submission to ARC funding schemes
Purpose	To ensure that interests of Fluid Mechanics researchers are taken into account in the composition, initiatives and strategic direction of the ARC College and its operation
Members	Steve Armfield (C), Tony Lucey, Ivan Marusic
Year Established	2014

## Achievements (up to 2022)

The ARC College of Experts sub-committee has:

- Successfully lobbied (regularly since 2008) the ARC to ensure that there always exist members of the ARC College who serve as 'General Assessors' with expertise in Fluid Mechanics
- Participated in the 2019 ANZRC (Australia and New Zealand Research Codes) review, formulating a new 4-digit FoR Code 'Fluid Mechanics and Thermal Engineering' within which reside a set of new 6-digit codes that properly capture the full range of Fluid Mechanics – After negotiations with the ARC, the AFMS proposal was accepted and appears in the new 2020 codes.
- Lobbied the ARC (2021) over its proscription of the use of pre-prints in grant applications with a successful outcome

## Current Activity (2021 – 2022)

The ARC College of Experts sub-committee is currently focused on:

- Monitoring (through interaction with the ARC and polls of AFMS members) the success rates of Fluid-Mechanics-related ARC-grant applications for the Discovery and Linkage schemes to ensure that the discipline is adequately represented in funded projects
- Lobbying the Federal Government to adopt the Australian Research Council Amendment (Ensuring Research Independence) Bill 2018 that would remove the Ministerial veto of projects recommended for funding
- Encouraging and supporting AFMS members to nominate for the ARC College and providing members with advice on how to prepare competitive ARC-grant proposals

## Strategic Focus (2022 – 2025)

The ARC College of Experts sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Ensuring that AFMS members use the new FoR codes in their applications and encouraging members to serve as detailed assessors for proposals within these codes

### 3 year focus (2024/5):

- Participating and actively contributing to the review (commenced 2022) of ARC processes and its revised research-focus areas to ensure that the breadth of Fluid Mechanics is captured and supported by national research funding

# Fellowships



Goal	To recognise and celebrate exemplary contributions to Australasian Fluid Mechanics
Purpose	The subcommittee develops and updates AFMS policy on the criteria for fellowship status of the AFMS and oversees the nomination and selection of new fellows of the Society
Members	Ivan Marusic (C), Steve Armfield, Tracie Barber
Year Established	2010

## Achievements (up to 2022)

The Fellowships sub-committee has:

- Formulated the Rules for Awarding Fellowships of the AFMS
- Biennially (since 2010) managed the application process and been the final arbiter of new fellowship awards
- Ensured that the list of AFMS fellows and their citations for the award have been maintained and updated on the AFMS website

## Current Activity (2021 – 2022)

The Fellowships sub-committee is currently focused on:

- Communicating with the AFMS membership to call for nominations of worthy candidates to be considered for fellowship status
- Receiving and assessing nominations, and supporting documentation, for the 2022 round of new AFMS fellowships
- Providing a member of the Fellowships sub-committee to serve on the Emerging Leader sub-committee judging panel

## Strategic Focus (2022 – 2025)

The Fellowships sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Continuing to ensure that sufficient nominations are received and that the high standards applied in the selection process are maintained

### 3 year focus (2024/5):

- Identify and implement mechanisms that will serve to redress the current imbalance between the (total) numbers of male and female AFMS fellows
- Seek fellowship nominations for Fluid Mechanics outside of academia who have achieved significant prominence in industry or government agencies

# Future AFMC



Goal	To encourage and support bids for future Australasian Fluid Mechanics Conferences
Purpose	The sub-committee is focused on updating and developing the Guidelines for hosting an AFMC, and on processes for encouraging and supporting future bids
Members	Richard Manasseh (C), Scott Draper, Robert Niven, Mathieu Sellier
Year Established	2017

## Achievements (up to 2022)

The Future AFMC sub-committee has developed and implemented a transparent and robust mechanism for the bidding, evaluation and awarding of future AFMC events. This includes:

- The establishment of **Guidelines for hosting an AFMC** – Originally developed prior to 19AFMC in 2014, this document has been updated a number of times, most recently to reflect the AFMS Equity, Diversity & Inclusion aspirations. The guidelines include deadlines for bids and approval of bids, and comprehensive requirements for bid documents, and for pre- and post-conference reporting.
- The establishment and implementation of a **Bidding Cycle Timeline** to help teams bid and plan AFMC events – In 2019, a two-year versus four-year bidding-cycle discussion document was developed, leading to agreement on a two-year cycle, illustrated by a perpetual timeline now in the Guidelines document.
- The **successful management of AFMC Bidding process since 2017** – Since its establishment after the award of 20AFMC 2016, the Future AFMCs Subcommittee has assisted the preparation and bidding for three very impressive AFMCs: 21AFMC Adelaide 2018, 22AFMC Brisbane 2020 and 23AFMC Sydney 2022. Final bid approval for 24AFMC (awarded to Canberra for 2024) is underway.
- Actively **supporting bid proponents** to ensure equitable hosting of events
- Ongoing statistical analysis on the hosting of AFMCs since 1960 to aid in the active **support for bid proponents**

## Current Activity (2021 – 2022)

The Future AFMC sub-committee is currently focused on a number of mechanisms to enhance the AFMC bid process and AFMC events to ensure diversity in regions, broad themes and organising committees. Specific areas of focus are:

- Creating a **Survey on decision-making in selecting an AFMC bid** to understand key influences of voting AFMS Council members – This survey will be conducted on the most-recent when voting on the AFMC bid competition. It is hoped that survey outcomes, **which will be made publicly available** to the AFMS community could give greater confidence for future bids.
- Actively **identifying potential future locations for AFMC events** in regions that have not hosted an AFMC before
- **Creation of a map on hosting** locations to be made available on the AFMS website based on statistics from past events
- Actively **identifying potential future Chairs of AFMC events** from the AFMS community and potential for pairing MCR researchers with senior researchers in chairing roles

## Strategic Focus (2022 – 2025)

The Future AFMC sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Complete and report findings of survey on decision making in selecting AFMC bid and solicit and select bid for 26AFMC

### 3 year focus (2024/5):

- Establish a process for rationally and transparently soliciting bids, based on geography and Chair profile, while encouraging unsolicited bids to maintain a competitive bidding process



# Outreach



Goal	To promote the activity and capacity of the AFMS and its members to the public, government and industry
Purpose	The sub-committee aims to broaden collaboration, ensure our community's capacity to contribute socially and economically is understood, and promote the value of fluid mechanics and its associated career opportunities
Members	Justin Leontini (C), Bianca Capra, Vassili Kistos, Richard Manasseh, Paulo Vasconcelos
Year Established	2017

## Achievements (up to 2022)

The Outreach sub-committee has been working towards increasing the profile of the AFMS to internal and external stakeholders to enhance the reach and visibility of members and the work of the AFMS. This includes:

- **Redesign of the AFMS website** to make it more engaging for both members and external audiences
- Established the **AFMS Twitter account** (@FluidsANZ) to promote public-facing activities and community-wide opportunities such as jobs advertised on the AFMS website to a broad social medial audience
- Established the **AFMS Podcast Series** consisting of short interviews with Australia and New Zealand based researchers talking about their work to appeal to an educated lay audience
- Developed **social media handles and hashtags (Twitter)** for use before and during the 23AFMC in coordination with the LOC. Promotion of the use of the handles during the event

## Current Activity (2021 – 2022)

The Outreach sub-committee is currently focused on increasing the visibility of the AFMS and it's members to broader audiences. Specifically, the Outreach sub-committee is actively working on:

- **Growing the seminar series and podcast** content available – This includes the production and collection of content showcasing our members' capacity to technical and wider audiences and hosting the content on the AFMS website and promoting on social media.
- **Strategic use and engagement of the AFMS Twitter** account to promote the activities of the AFMS to a general audience, and to make its activities understood and valued by members
- **Wider promotion of AFMS** to non-university research sectors (CSIRO) and school visits to demonstrate value of fluid mechanics to Australia, and Australian capability

## Strategic Focus (2022 – 2025)

The Outreach sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022):

- Social media strategic plan to grow twitter followers and engagement
- Wider dissemination of podcasts
- Use AFMC23 to drive awareness of our channels amongst members and show them the value of engaging with them
- Extend social media beyond Twitter, especially LinkedIn and Instagram

### 3 year focus (2025):

- Establish and enact social media plane extend reach and encourage 'organic' growth across various channels
- Strategic plan to extend AFMS presence in traditional media

# AFMS Local Chapters



Goal	To facilitate, support and oversee the creation and management of formal regional groups of AFMS members whose activities engender local collaboration and respond to local needs and opportunities in fluid mechanics
Purpose	The subcommittee develops and updates AFMS policy on the creation and management of Local Chapters including appropriate financial support from the AFMS budget
Members	Robert Niven (C), John Cater, Tony Lucey, Emilie Sauret
Year Established	2014

## Achievements (up to 2022)

The AFMS Local Chapters sub-committee has overseen the development, establishment and support of AFMS Local Chapters to promote increased engagement in fluid mechanics at the local level. This includes:

- **Development of a formal system that supports the creation and activities of local chapters** via an AFMS Policy that guides members wishing to create a local chapter of the AFMS – A separate documented implementation plan was also developed to make calls for applications.
- **Creation of the Australian Capital Territory (ACT) Local Chapter** in 2019 – This local chapter was instrumental in organising and running the successful AFMS Summer School in December 2019 that had Fluid-structure Interactions as its theme.
- **Creation of the Western Australia (WA) Local Chapter** in 2019

## Current Activity (2021 – 2022)

The AFMS Local Chapters sub-committee is currently focused on mechanisms and policy redevelopment aimed at supporting current local chapters and the creation of more local chapters including:

- Support for **the re-generation and/or creation of local chapters to promote in person engagement** post covid including calls for the formation of new Local Chapters under current implementation plan
- Promotion of the **AFMS support for, and benefits of Local Chapters** via advertising through AFMS channels
- **Policy review and management** of the current Local Chapter Policy to ensure documents remain up to date and effective and re-activate annual reporting requirements of Local Chapters for continued funding

## Strategic Focus (2022 – 2025)

The AFMS Local Chapters sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Increase the number of Local Chapters from current value (2).

### 3 year focus (2024/5):

- Investigate feasibility of an AFMS Eminent Speaker tour around Local Chapters.
- Develop mechanisms to share local needs, foci and industry priorities in Fluid Mechanics at the national level thereby prompting specialised research collaborations and opportunities for AFMS members

# Women in Fluid Mechanics (WiFM)



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Goal	To promote, support and encourage greater diversity, equity and inclusion within the AFMS To generate policies and platforms to support all members of the society to have successful and engaging careers
Purpose	The sub-committee is focused on developing policies, mechanisms and events aimed at increasing diversity, equity and inclusion within the AFMS and the field of fluid mechanics
Members	Bianca Capra (C), Maryam Abdoulahpour, Priyanka Dhopade, Rowan Gollan, Justin Leontini, Emilie Sauret, Melissa Kozul, Daniel Edgington-Mitchell
Year Established	2017

## Achievements (up to 2022)

The WiFM sub-committee has developed and implemented a number of key policy changes, and structural support mechanisms to increase participation and success of under-represented groups in the AFMS. This includes:

- **Gender policy for AFMC events** which includes a 40-40-20 (Female-Male-Other) target for Keynote speakers and LOC's, provision of childcare at AFMCs and the collection and reporting of gender statistics of AFMC delegates and speakers – These policies came into effect in 2022, although were informally adopted from 2018 onwards.
- **Creation of grants to support greater diversity** including the Return to Work grant for AFMS members return from an extended period of leave and the establishment of the Emerging Leader Fellowship to increase diversity in identified AFMS leaders and support career development opportunities of members
- **Support and organisation of WiFM events at AFMCs** – The WiFM ran the inaugural WiFM event at AFMC21 in Adelaide (2019), have created a list of national and international female, and female identifying keynote speakers to aid LOCs and have an approved letter of support from the AFMS outlining the society's commitment to gender equity in keynote speakers that all members can use as required.

## Current Activity (2021 – 2022)

The WiFM sub-committee is currently focused on three broad areas of creating more structural support, expanding our services to support the career of women in fluid mechanics and increased communication with the AFMS community, as well as our operational commitment to supporting and running a WiFM event at AFMCs. Key activities of the WiFM sub-committee are:

- **Increase reach and participation in established grants** via active promotion across AFMS channels and the creation of a suite of travel grants to support women, ECRs and careers.
- **Support the career of women in fluid mechanics** via a job application mentoring program to help women secure full time work in fluid mechanics in the higher education sector
- Develop sustainable and **effective communications to the WiFM membership** base, including newsletters and social media engagement
- **Develop a code of conduct for AFMC events**

## Strategic Focus (2022 – 2025)

The WiFM sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Create organisational structure of sub-committee and strategic plan for 3 – 5 years.
- Increase communication with the wider society and external keynote speakers through multiple channels
- Develop reporting mechanisms / structure to report on gender statistics and effectiveness of programs / initiatives

### 3 year focus (2024/5):

- Establish Social Media Profile and network celebrating Women in Fluid Mechanics
- Establish newsletters communication with the society. Reporting on the success of the WiFM initiatives in increasing diversity

# Student / ECR



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Goal	To enhance the engagement and participation of Students and Early Career Researchers (ECRs) with the wider fluid mechanics community
Purpose	The subcommittee creates a platform for HDRs/ECRs to engage and interact with the fluid mechanics community through monthly seminars and a biennial retreat
Members	Cat Vreugdenhil (C), Priyanka Dhopade, Azadeh Jafari, Jana Orszaghova, Methma Rajamuni, Chrith Rathnayaka, Emilie Sauret, Michael Stavropoulps, Paul Vasconcelos
Year Established	2021

## Achievements (up to 2022)

The Student / ECR sub-committee has created and delivered two events aimed at better engaging and supporting HDR students and ECRs in the AFMS community. These are:

- **The AFMS Student and ECR Retreat** which was held in person in Melbourne in July 2022 after delays due to Covid – This retreat focused on research talks, skill developments, social activities, career panels and student competitions all aimed at supporting career success of student and ECR Members.
- **Establishing the “Conversations in Fluids” Seminar Series** – This monthly online seminar series featuring research talks is aimed directly at students and ECR and has good engagement and discussion.

## Current Activity (2021 – 2022)

The Student / ECR sub-committee is currently focused on delivering the inaugural initiatives and supporting other sub-committees to better engage and support HDR students and ECR including:

- Developing **documentation and reporting around the AFMS Student / ECR Retreat** which will becoming a biennial event
- **Growth and development of the “Conversations in Fluids” Seminar Series** to support future academics and researchers in the field of fluid mechanics
- **Actively partner with other sub-committees** to ensure continued engagement of HDR student / ECR’s in other AFMS initiatives

## Strategic Focus (2022 – 2025)

The Student / ECR sub-committee is strategically focused on the following activities over the next 1 – 3 year (2022 – 2025 ) time frame:

### 1 year focus (2022/3):

- Increase reach of online seminar series

### 3 year focus (2024/5):

- Plan career-oriented programs