AAL Quarterly Report

Jarrod Hurley April 5, 2019

1 Usage by Institution

| Institution | Usage |
|--|-----------------------|
| Swinburne University of Technology | 34.198% |
| University of Western Australia | 19.139% |
| Monash University | 18.172% |
| University of Melbourne | 8.838% |
| University of Queensland | 6.635% |
| University of Lyon | 6.492% |
| Macquarie University | 3.264% |
| University of New South Wales | 2.034% |
| Istituto Nazionale di Astrofisica | 0.162% |
| Universität zu Köln | 0.133% |
| European Southern Observatory | 0.094% |
| University of Manchester | 0.076% |
| New Mexico State University | 0.072% |
| University of Cambridge | 0.034% |
| Kumamoto University | 0.031% |
| Queensland University of | 0.027% |
| Technology | |
| Commonwealth Scientific and | 0.016% |
| Industrial Research Organisation | |
| Jilin University | 0.003% |
| Auckland University of Technology | 0.003% |
| SARAO | 0.002% |
| Curtin University | 0.0% |
| Durham University | 0.0% |
| Eötvös Loránd University | 0.0% |
| Georgia Institute of Technology | 0.0% |
| IP Australia | 0.0% |
| LESIA - Observatoire de Paris | 0.0% |
| Institut de Mecanique des Fluides | 0.0% |
| Toulouse Institute for Computational Science | 0.0% |
| Institute for Theoretical Physics | $\frac{0.0\%}{0.0\%}$ |
| Instituto de Astrofísica de La Plata | $\frac{0.0\%}{0.0\%}$ |
| Dell EMC | $\frac{0.0\%}{0.0\%}$ |
| Charles Sturt University | 0.0% |
| Cardiff University | $\frac{0.0\%}{0.0\%}$ |
| Australian National University | $\frac{0.0\%}{0.0\%}$ |
| Western Sydney University | $\frac{0.0\%}{0.0\%}$ |
| National University of La Plata | $\frac{0.0\%}{0.0\%}$ |
| Tradiction Oniversity of Earl 1800 | 0.070 |

| Lawrence Berkeley National | 0.0% |
|----------------------------------|-------|
| Laboratory | |
| University of Bristol | 0.0% |
| University of Tasmania | 0.0% |
| University of Sydney | 0.0% |
| University of Portsmouth | 0.0% |
| University of Oxford | 0.0% |
| University of Milano Bicocca | 0.0% |
| University of Milan | 0.0% |
| University of Hertfordshire | 0.0% |
| University of California | 0.0% |
| University of Adelaide | 0.0% |
| Leiden University | 0.0% |
| Queen's University Belfast | 0.0% |
| Polish Academy of Sciences | 0.0% |
| Netherlands Institute for Radio | 0.0% |
| Astronomy | |
| Naval Research Laboratory | 0.0% |
| West Virginia University | 0.0% |
| National Astronomical | 0.0% |
| Observatories Chinese Academy of | |
| Sciences | |
| Max Planck Institute | 0.0% |
| Main Astronomical Observatory | 0.0% |
| National Academy of Sciences of | |
| _ Ukraine | 0.004 |
| AARNet | 0.0% |

Astronomy account holders (total/active for quarter):

| | Total | Active |
|-------------|-------|--------|
| | | |
| All | 392 | 136 |
| Male | 241 | 73 |
| Female | 100 | 36 |
| PhD Student | 228 | 86 |
| Swinburne | 175 | 56 |

3 Institutions other than Swinburne with astronomy account holders

| Institution | No of Users |
|-------------------------------------|-------------|
| Swinburne University of Technology | 164 |
| Monash University | 52 |
| University of Melbourne | 31 |
| University of Western Australia | 25 |
| Macquarie University | 14 |
| Curtin University | 12 |
| Commonwealth Scientific and | 8 |
| Industrial Research Organisation | 0 |
| University of Manchester | 7 |
| Auckland University of Technology | 5 |
| European Southern Observatory | 5 |
| Max Planck Institute | 4 |
| New Mexico State University | 4 |
| Australian National University | 4 |
| University of Oxford | 3 |
| University of Queensland | 3 |
| SARAO | 3 |
| Leiden University | 3 |
| University of California | 3 |
| University of Cambridge | 2 |
| AARNet | 2 |
| National University of La Plata | 2 |
| University of Portsmouth | 2 |
| University of Adelaide | 2 |
| University of New South Wales | 2 |
| University of Sydney | 2 |
| West Virginia University | 2 |
| Western Sydney University | 2 |
| Institute for Computational Science | <u>-</u> 1 |
| Kumamoto University | <u></u> |
| Georgia Institute of Technology | 1 |
| Jilin University | 1 |
| Cardiff University | 1 |
| University of Milano Bicocca | 1 |
| Netherlands Institute for Radio | 1 |
| Astronomy | - |
| University of Hertfordshire | 1 |
| Dell EMC | 1 |
| Istituto Nazionale di Astrofisica | 1 |
| Naval Research Laboratory | 1 |
| Queen's University Belfast | 1 |

| Main Astronomical Observatory | 1 |
|--------------------------------------|---|
| National Academy of Sciences of | |
| Ukraine | |
| Queensland University of | 1 |
| Technology | |
| Instituto de Astrofísica de La Plata | 1 |
| Durham University | 1 |
| Institute for Theoretical Physics | 1 |
| LESIA - Observatoire de Paris | 1 |
| National Astronomical | 1 |
| Observatories Chinese Academy of | |
| Sciences | |
| Polish Academy of Sciences | 1 |
| University of Lyon | 1 |
| University of Milan | 1 |
| Eötvös Loránd University | 1 |
| Lawrence Berkeley National | 1 |
| Laboratory | |

4 Share of CPU hours usage by project

| Project | Percentage of Total Usage |
|---------|---------------------------|
| | |
| oz001 | - |
| oz002 | 1.302% |
| oz003 | 6.482% |
| oz004 | 0.095% |
| oz005 | - |
| oz006 | 6.914% |
| oz007 | - |
| oz008 | 0.133% |
| oz009 | 1.263% |
| oz010 | - |
| oz011 | 0.406% |
| oz012 | 0.017% |
| oz013 | 7.837% |
| oz014 | 0.645% |
| oz015 | 22.963% |
| oz016 | 10.681% |
| oz017 | - |
| oz018 | 0.0% |
| oz019 | 0.789% |
| oz020 | 0.014% |
| - | |

| oz021 | 0.994% |
|-------|--------|
| oz022 | 0.227% |
| oz023 | 0.012% |
| oz024 | 0.031% |
| oz025 | - |
| oz026 | 0.719% |
| oz027 | 0.617% |
| oz028 | - |
| oz029 | 0.662% |
| oz030 | - |
| oz031 | 0.304% |
| oz032 | 1.009% |
| oz033 | - |
| oz034 | - |
| oz035 | - |
| oz036 | 0.018% |
| oz037 | 0.338% |
| oz038 | 0.13% |
| oz039 | - |
| oz040 | 0.0% |
| oz041 | 0.001% |
| oz042 | 0.016% |
| oz044 | 0.007% |
| oz045 | - |
| oz046 | - |
| oz047 | 0.015% |
| oz048 | 0.652% |
| oz049 | 0.009% |
| oz050 | 2.225% |
| oz051 | 1.594% |
| oz052 | - |
| oz053 | 0.058% |
| oz054 | - |
| oz055 | - |
| oz056 | - |
| oz057 | 4.963% |
| oz058 | - |
| oz059 | 1.957% |
| oz060 | 0.735% |
| oz061 | 1.225% |
| oz062 | 0.042% |
| oz063 | - |
| oz064 | 0.001% |
| | |

| oz065 | 1.099% |
|-------|--------|
| oz067 | - |
| oz068 | - |
| oz069 | - |
| oz070 | 0.004% |
| oz071 | 0.623% |
| oz072 | - |
| oz073 | 3.672% |
| oz074 | 7.198% |
| oz075 | 0.016% |
| oz076 | 0.695% |
| oz077 | 1.021% |
| oz078 | = |
| oz080 | = |
| oz081 | - |
| oz082 | 0.031% |
| oz083 | - |
| oz084 | - |
| oz085 | - |
| oz086 | - |
| oz087 | 0.008% |
| oz088 | - |
| oz089 | 0.145% |
| oz090 | - |
| oz091 | - |
| oz092 | - |
| oz093 | 0.002% |
| oz095 | - |
| oz096 | - |
| oz097 | |
| oz098 | - |
| oz100 | 0.049% |
| oz102 | |
| oz105 | 3.153% |
| oz106 | - |
| oz107 | - |
| oz108 | |
| oz110 | 1.073% |
| oz111 | |
| oz112 | |
| oz113 | |
| oz114 | 0.359% |
| oz115 | 0.0% |

| oz123 | 2.067% |
|-------|--------|
| oz125 | - |
| oz136 | 0.011% |
| oz142 | |
| oz989 | 0.0% |
| oz990 | 0.07% |
| oz991 | 0.001% |
| oz992 | - |
| oz993 | - |
| oz994 | - |
| oz995 | |
| oz997 | 0.584% |
| oz998 | 0.009% |
| oz999 | 0.009% |

5 Usage by Demographic

Staff: 32.71% Student: 67.29%

| National Astronomy: 92.85% | Other: 7.15% |
|----------------------------|-----------------------|
| Astronomy: 80.55% | Non-astronomy: 19.45% |
| Female: 13.53% | Male: 57.97% |

6 TAO Usage Statistics

6.1 General TAO Usage (total for 01/10/2018 to 31/12/2018)

| Number of jobs | 90 |
|---------------------------------|-------------|
| Number of active users | 16 |
| Total records returned | 951,462,908 |
| Total data-size returned | 158.809 GB |
| Registered users | 557 |
| Page views (Google analytics) | |
| Unique users (Google analytics) | |

6.2 General Data access breakdown per database (01/10/2018 to 31/12/2018)

| Bolshoi | 12 |
|----------------|----|
| Millennium | 62 |
| Bolshoi Planck | 9 |
| Ready-Made | 7 |

6.3 TAO site access by location from Google analytics (01/10/2018 to 31/12/2018)

| Australia | |
|-----------|--|
| USA | |