

Team member	Article Title	Brief summary	Hyperlink
s 22 (staff names)	Educating for a Digital future	<p>The article describes how Artificial Intelligence (AI), automation, robotics, natural language processing and related disciplines are evolving and the significant consequences for work, jobs and the distribution of income.</p> <p>Key take outs:</p>	<p>https://education.nsw.gov.au/our-priorities/innovate-for-the-future/education-for-a-changing-world</p>
	<p>PAA presentation on Doing Policy Differently: Challenges and Insights – held 22/3/18.</p> <p>Keynote: Dr Heather Smith PSM, Secretary of the Department of Industry, Innovation and Science</p>	<p>This event is the first beginning of a series of discussions for IPAA on the theme of thinking about the future and doing policy differently. It focussed on policy making, some of the policy making challenges we face and how the world is changing, what is good policy making, and how does the APS fare and asks what do we need to change? .</p> <p>Key take outs:</p> <ul style="list-style-type: none"> • The three most fundamental forces shaping Australia's future are: <ul style="list-style-type: none"> – China's role in the international system and the implications for Australia's prosperity and security. – role of technology and its impact on the future of work. – The dangerous ambivalence towards the two features that underpin our democracy: respect for and investment in institutions that support our prosperity, and the erosion of support for openness to the world. • The APS today is neither structurally configured nor culturally aligned to help government navigate these and other policy challenges, nor to capitalise on the opportunities when they arise. • Three thoughts on what needs to change: <ul style="list-style-type: none"> • 	<p>https://www.act.ipaa.org.au/2018-pastevent-policydifferently</p>
s 47C	ACCC Communications sector market study final report – Released 5/4/18		<p>Final report (note also that you can listen to the report)</p> <p>Submissions</p>

s 22 (staff names)		s 47C	
	Satellite remains leading TV reception infrastructure in Germany – Broadband TV News 5.4.18	<p>Report about an market research into TV use (6000 households conducted at end of 2017)</p> <p>Key take outs:</p> <ul style="list-style-type: none"> • 38.58 million German TV households: <ul style="list-style-type: none"> – 45.9% DTH satellite reception – 42.5% for cable – 6.8% for IPTV – 4.7% for terrestrial <p>The Germans might have an interesting model with SD satellite services available for free and or HD with subscription. More here</p> <ul style="list-style-type: none"> • Strong (but not rapidly expanding) demand for ultra HD TVs. 2.7 million in 2017, less than 2 million in 2016 	https://www.broadbandtvnews.com/2018/04/05/satellite-remains-leading-tv-reception-infrastructure-in-germany/
	French UHD pay service	Description of a French pay TV service that discusses the demand for 4K/UHD content – particularly in relation to sport. It also discusses how UHD is often beyond the capacity of ADSL – and the solution is satellite! (includes an reasonably informative 3 minute video – with a funky base line)	https://www.ses.com/case-study/canal

Identifying Emerging Trends and Issues Articles – 2 per week per team member

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s 22 (staff names)	The Global Television Demand Report Q1 2018	Provides digital original series popularity and global SVOD demand for a number of countries, including Australia. Aside from Australian-specific data, which is unusual in a global report, the introduction provides an interesting summary of how the analytics work, including that demand is platform-agnostic. This indicates audiences seek out particular content rather than platform loyalty. This goes to the argument of consumers increasingly preferring one subscription to lots of different platform content (content aggregation) rather than having multiple subscriptions. Foxtel is seeking to aggregate SVOD content, Amazon is already doing it with their streaming partners program.	
	WEF - Maximising the Return on Digital Investments	Given the difficulty in analysing the impact of communications technologies on productivity, this report may assist work on the digital roadmap or in future trends work. The report includes an analysis of the productivity impact of new technologies from a sample of 16,000 companies across 14 industries.	
	SA to meet Bezos' moon outfit	SA Govt to meet with Amazon founder Jeff Bezos s Blue Origin company, which is investing heavily in space exploration and eventual human settlement on the moon.	https://www.innovationaus.com/2018/05/SA-to-meet-Bezos-moon-outfit
	Data 61 / CSIRO - Digital Technology Foresight Report	In-depth report looking at digital disruption and technology trends. The report includes: - 6 megatrends, inc cybersecurity and other key social/demographic trends - 4 future scenarios, exploring how digital tech may evolve and implications for Australia - implications for Government section (inc changing role for Govt, and 6 strategic policy challenges).	
		Pg 16-17 has a good info graphic with a 10 yr timeframe trend analysis, inc Internet infrastructure, automation and user interface.	

Week ending 1 June 2018

Identifying Emerging Trends and Issues Articles – 2 per week per team member

Team Member	Title	Summary	Link
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Week ending 6.4.2018

Identifying Emerging Trends and Issues Articles – 3 per team member

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s 22 (staff names)	Educating for a Digital future	<p>The article describes how Artificial Intelligence (AI), automation, robotics, natural language processing and related disciplines are evolving and the significant consequences for work, jobs and the distribution of income.</p> <p>Key take outs:</p>	<p>https://education.nsw.gov.au/our-priorities/innovate-for-the-future/education-for-a-changing-world</p>
	<p>IPAA presentation on Doing Policy Differently: Challenges and Insights – held 22/3/18.</p> <p>Keynote: Dr Heather Smith PSM, Secretary of the Department of Industry, Innovation and Science</p>	<p>This event is the first beginning of a series of discussions for IPAA on the theme of thinking about the future and doing policy differently. It focussed on policy making, some of the policy making challenges we face and how the world is changing, what is good policy making, and how does the APS fare and asks ‘what do we need to change?’.</p> <p>Key take outs:</p> <ul style="list-style-type: none"> • The three most fundamental forces shaping Australia's future are: <ul style="list-style-type: none"> – China's role in the international system and the implications for Australia's prosperity and security. – role of technology and its impact on the future of work. – The dangerous ambivalence towards the two features that underpin our democracy: respect for and investment in institutions that support our 	<p>https://www.act.ipaa.org.au/2018-pastevent-policydifferently</p>

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- Three thoughts on what needs to change:
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ACCC Communications
sector market study final
report – Released 5/4/18

s 47C

[Final report](#) (note also that you can listen to the report)

[Submissions](#)

s 47C

Week ending 30.3.2018

Identifying Emerging Trends and Issues Articles – 2 per week per team member

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s 22 (staff names)		<p>mobility within and outside the APS will be essential for us in fulfilling our role.</p> <ul style="list-style-type: none"> - We need a radical transformation in how we engage with the community that we serve. Open dialogue and user design approaches, where we identify and understand the actual needs of the people, must be front and centre. 	
	Media Broadcast confirms German DVB-T2 HD switch	Report on Germany's very fast switch-over from its first FTA digital TV system (DVB-T/MPEG-2) to a newer version (DVB-T2/HEVC), enabling the transmission of many more high definition channels. Switch-over will only take about 2 years to complete.	https://advanced-television.com/2017/03/27/media-broadcast-confirms-german-dvb-t2-hd-switch/
	7 ways to Identify and evolve with industry trends.	<p>You can keep up with and be part of the changes, or you can overlook and ignore changes and let others pass you by.</p> <ol style="list-style-type: none"> 1. Take advantage of industry research and trends reports. - recognize trends read research reports or solution guides - reading a variety of reports can help you get a feel for the landscape and where things are headed. And you can use the info you gather for things like building keynote speeches. 2. Regularly follow publications and influencers in your industry - If you aren't in it for the long read, a good alternative is making a point to read through top blogs and publications in the industry every day. 3. Use different tools and analytics systems to identify the direction trends are heading. 	https://www.inc.com/john-hall/7-ways-to-identify-and-evolve-with-industry-trends.html

