



## IMS2019 REGISTRATION QUESTIONNAIRE RESULTS

### 1) What is your principal job function?

101 Executive/Senior Management	15.36%
102 Executive/Senior Technology Development	4.20%
103 Engineering Management	6.63%
104 Design Engineering	17.11%
105 Engineering Services	2.45%
106 Manufacturing/Production Engineering	3.15%
107 Application Engineer	4.13%
108 Procurement/Purchasing	1.14%
109 Professor / Research - Academic	9.56%
110 Research & Development - Government	3.22%
111 Research & Development - Industry	7.75%
112 Student	11.29%
113 Financial or Industry Analyst	0.48%
114 Editor/Publisher	0.66%
115 Marketing/Sales	10.44%
116 Consultant	1.62%
117 Retiree	0.79%

### 2) What primary end product or service do you work on?

201 Communication Systems, Equipment	15.68%
202 Wireless (WiFi, WiMAX, UWB, other)	5.89%
203 Government - Military	7.85%
204 Government - Other	1.49%
205 Defense Electronics	10.04%
206 Medical Electronics	1.83%
207 Navigation/Telemetry/GPS Systems	0.41%
208 Industrial Automation/Control Systems	1.05%
209 Transportation (Automotive/Aviation)	1.15%
210 Consumer Electronics	1.98%
211 Computers or Peripherals	0.30%
212 Test & Measurement	8.12%
213 Components/Hardware	9.15%
214 RF/HF Front-End Modules	11.09%
215 Data Transmission	0.56%
216 Semiconductors & ICs	15.65%
217 Materials	3.09%
218 Services	1.62%
219 Software (EDA/CAD/CAM etc.)	2.15%
220 Retiree	0.90%

### 3) Which products and/or services in the following areas do you recommend, purchase or influence the purchase of?

301 Active Components	41.87%
302 Antennas	26.67%
303 Control Components	14.09%
304 Materials	21.48%
305 Manufacturing Equipment	10.37%
306 Optoelectronics & Fiber-Optics	8.38%
307 Passive Components	41.26%
308 Semiconductors/Integrated Circuits	37.00%
309 Services	10.72%
310 Signal Processing Components	12.14%
311 Software & CAD	21.46%
312 Subsystems & Systems	19.84%
313 Test Equipment & Instruments	34.57%
314 Transmission-Line Components	15.14%
315 Consultant Services	7.48%
316 Not Applicable	18.38%

### 4) At what frequency is your primary work?

401 RF	73.90%
402 Microwave	65.81%
403 Millimeter-wave	49.29%
404 Terahertz	9.95%
405 Other	7.39%

### 5) Number of engineers in your organization?

501 10 or fewer	24.57%
502 11 to 40	16.36%
503 41 to 100	9.78%
504 More than 100	37.77%
505 Not Applicable	11.52%

### 6) Is this the first time you have attended International Microwave Symposium?

601 Yes	38.29%
602 No	61.71%



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**7) Are you an MTT-S Member?**

<b>701</b> Yes.....	<b>25.40%</b>
<b>702</b> No.....	<b>74.60%</b>

**8) Did you graduate with your first professional degree within the last 15 years? (IEEE and MTT-S identifies individuals with first degree within last 15 years as "Young Professionals" or "YoPros", and provide growth, networking, and mentoring opportunities including participation in MTT-S Chapter and Technical Councils)**

<b>801</b> Yes.....	<b>33.58%</b>
<b>802</b> No.....	<b>66.42%</b>

**9) Would you like to be contacted by MTT-S to provide you with information on opportunities available to Young Professionals?**

<b>901</b> Yes.....	<b>23.28%</b>
<b>902</b> No.....	<b>76.72%</b>

**10) Which PRINT technical journal or magazine do you use MOST for your work and to keep up-to-date on technical advancements? (select one choice)**

<b>1001</b> IEEE MTT-S Transactions .....	<b>17.39%</b>
<b>1002</b> IEEE MTT-S Microwave Magazine .....	<b>9.67%</b>
<b>1003</b> Microwave Journal .....	<b>21.95%</b>
<b>1004</b> Microwaves & RF.....	<b>11.33%</b>
<b>1005</b> Electronic Design.....	<b>3.36%</b>
<b>1006</b> High Frequency Electronics.....	<b>2.12%</b>
<b>1007</b> Defense Electronics.....	<b>1.64%</b>
<b>1008</b> Microwave Engineering Europe.....	<b>0.46%</b>
<b>1009</b> ARRL .....	<b>0.42%</b>
<b>1010</b> AOC Journal of Electronic Defense (JED).....	<b>0.79%</b>
<b>1011</b> Don't use any print journals or magazine for work .....	<b>30.85%</b>

**11) Which ONLINE technical journal, magazine, or website do you use MOST for your work and to keep up-to-date on technical advancements?**

<b>1101</b> (1101) IEEE MTT-S Transactions.....	<b>25.16%</b>
<b>1102</b> IEEE MTT-S Microwave Magazine .....	<b>6.43%</b>
<b>1103</b> Microwave Journal .....	<b>15.77%</b>
<b>1104</b> Microwaves & RF.....	<b>9.91%</b>

**11) ONLINE technical journals (continued)**

<b>1105</b> Electronic Design Today .....	<b>2.80%</b>
<b>1106</b> High Frequency Electronics.....	<b>1.88%</b>
<b>1107</b> Defense Electronics Newsletters .....	<b>1.33%</b>
<b>1108</b> Microwave Engineering Europe .....	<b>0.20%</b>
<b>1109</b> ARRL .....	<b>0.35%</b>
<b>1110</b> AOC Journal of Electronic Defense (JED) .....	<b>0.57%</b>
<b>1111</b> Power Electronics.....	<b>0.61%</b>
<b>1112</b> Evaluation Engineering .....	<b>0.33%</b>
<b>1113</b> Everything RF.....	<b>2.98%</b>
<b>1114</b> Microwaves101 .....	<b>5.03%</b>
<b>1115</b> RF Globalnet .....	<b>1.03%</b>
<b>1116</b> Wireless Design Development .....	<b>0.70%</b>
<b>1117</b> Don't use any online journals or website for work .....	<b>23.91%</b>

**12) Which social media channel do you use MOST for your work, and to keep up-to-date on technical events?**

<b>1201</b> Facebook .....	<b>4.90%</b>
<b>1202</b> LinkedIn .....	<b>40.38%</b>
<b>1203</b> Instagram .....	<b>0.90%</b>
<b>1204</b> Twitter .....	<b>1.90%</b>
<b>1205</b> Youtube .....	<b>7.70%</b>
<b>1206</b> IEEE.tv .....	<b>0.98%</b>
<b>1207</b> Don't use social media for my work .....	<b>44.28%</b>

**13) Are IMS email notifications effective in keeping you informed on IMS events and approaching deadlines?**

<b>1301</b> Yes, but they are too often.....	<b>12.64%</b>
<b>1302</b> Yes, but they are too few.....	<b>3.03%</b>
<b>1303</b> Yes, and notification frequency is just right .....	<b>37.43%</b>
<b>1304</b> No, as they are too cluttered.....	<b>4.30%</b>
<b>1305</b> I don't read them.....	<b>42.61%</b>

**14) Would you prefer to receive notifications on IMS events and approaching deadlines via IMS Mobile App (available on Apple store and Google Play)?**

<b>1401</b> Yes, and I will opt-in to receive notifications.....	<b>22.63%</b>
<b>1402</b> No.....	<b>77.37%</b>