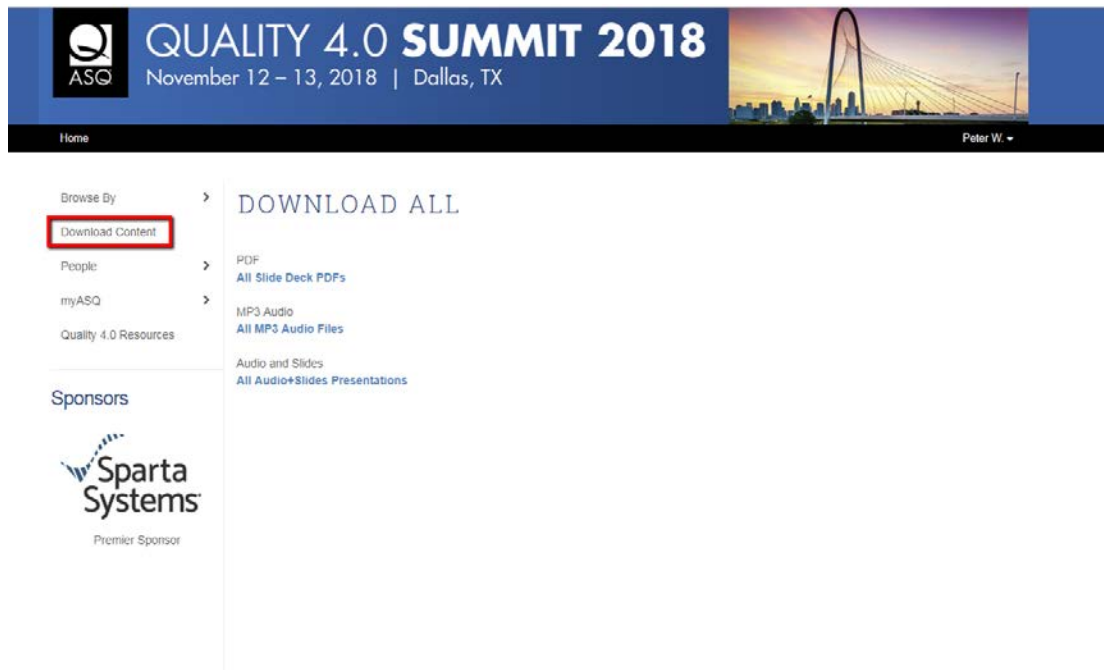



A Guide to the “Download All” Links

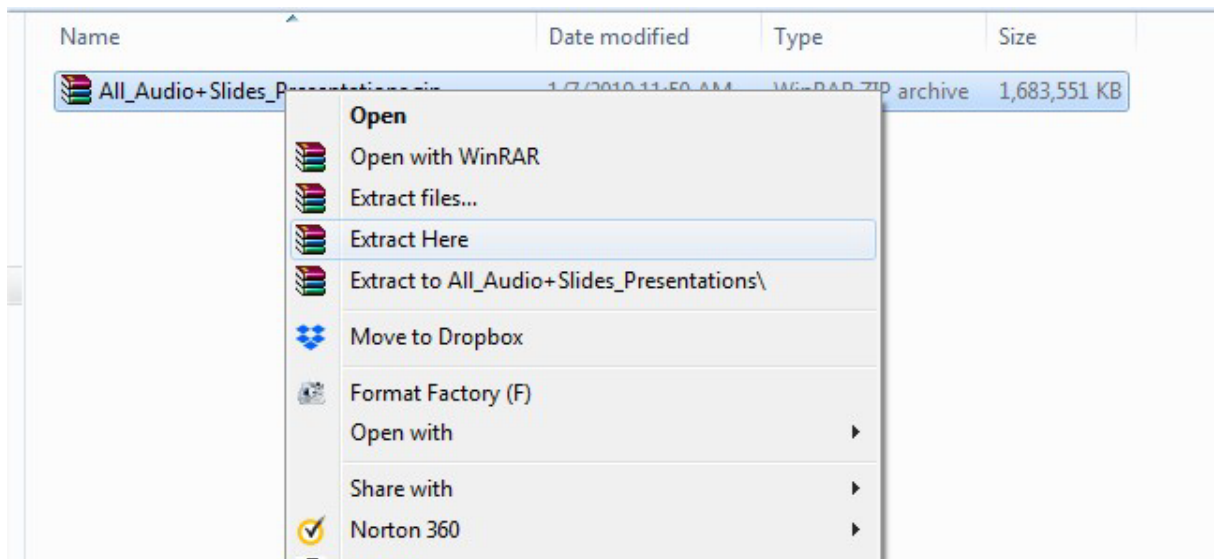
- 1) Click the “Download Content” link in the left hand navigation. The “Download All” page has a list of PDF, MP3, and Audio + Slides “.zip” folders, labeled by Day and Session Type.



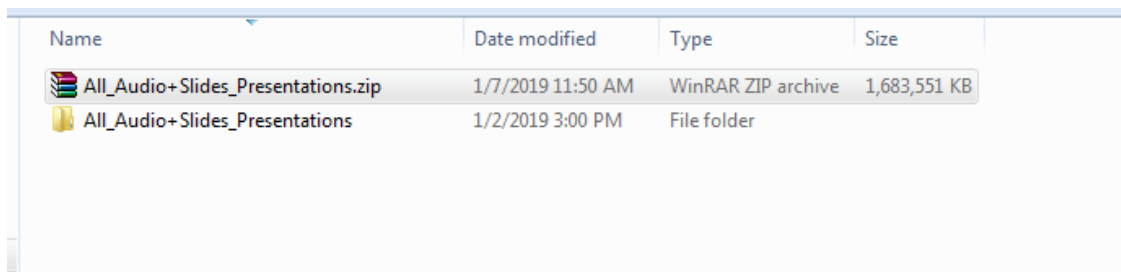
- 2) Clicking any one of these links will initiate a download of a compressed “zipped” folder. In the example below the downloaded file is from one of the Audio+Slides links. After the download is complete, check your Downloads folder for a file that looks like this:

| Name | Date modified | Type | Size |
|--|-------------------|--------------------|--------------|
|  All_Audio+Slides_Presentations.zip | 1/7/2019 11:50 AM | WinRAR ZIP archive | 1,683,551 KB |






























- 3) You will need to uncompress or “unzip” this folder to make use of its contents. Right click the .zip folder and look for “un-zip” or “Extract.” The example here is from a computer running Windows 7 – It may look different or your machine depending on your operating system.



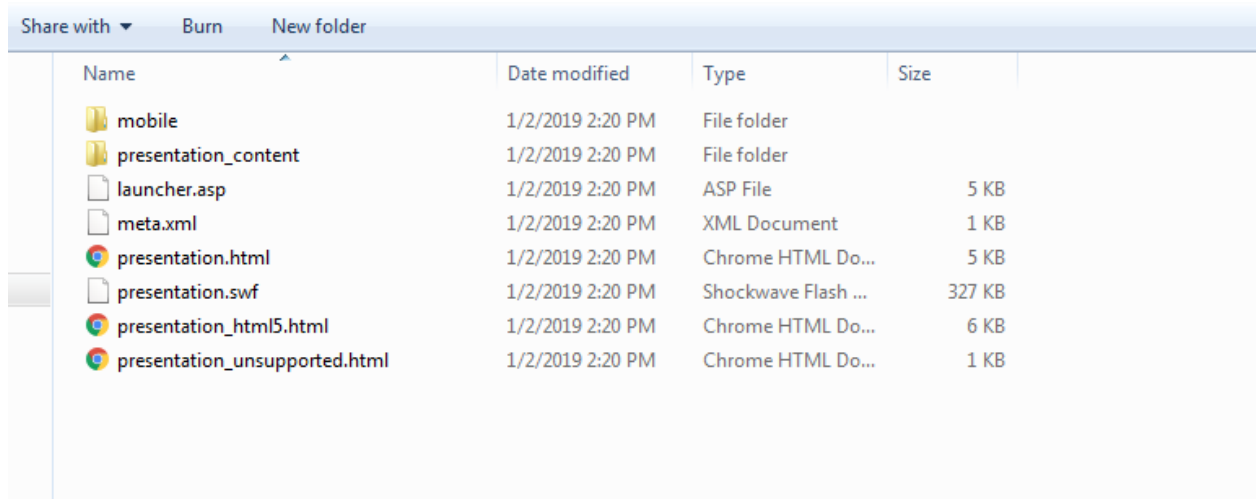
- 4) Once the folder is “unzipped” it will look like a regular directory. Double click to see the presentations contained.



- 5) Here we are viewing a list of Audio+Slides breakout sessions. In the case of Audio+Slides, each directory contains one presentation. (MP3 and PDF downloads are a little easier and you will simply see the files listed there.)

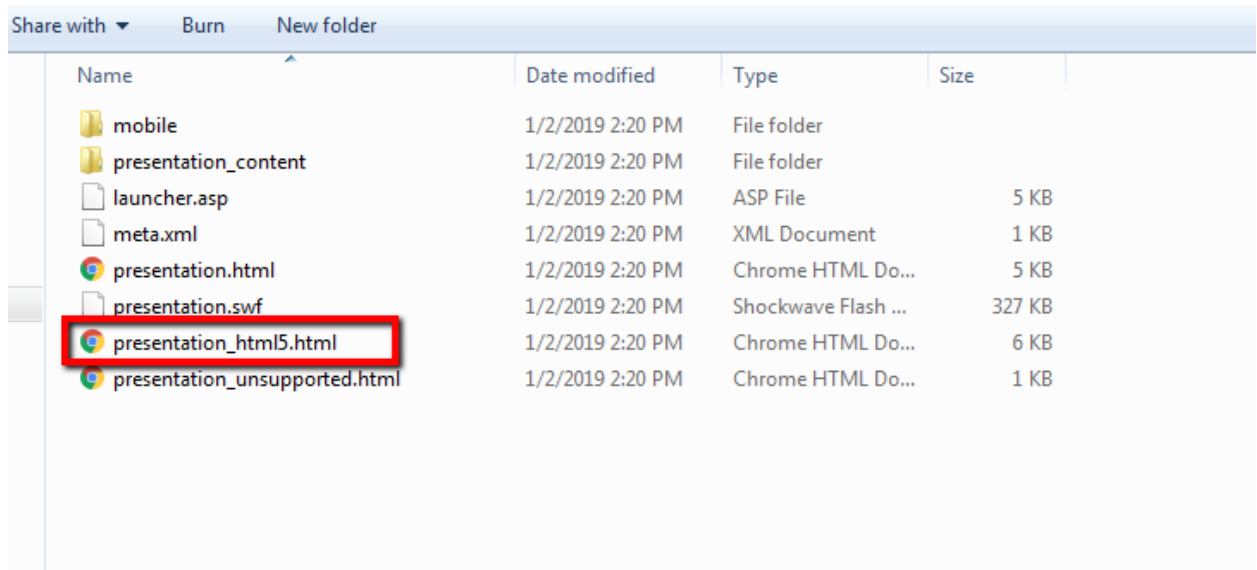
| Name | Date modified | Type | Size |
|--|------------------|-------------|------|
|  Keynote Address - Benjamin Lavoie | 1/2/2019 2:24 PM | File folder | |
|  Keynote Address - Patrick Schwerdtfeger | 1/2/2019 2:25 PM | File folder | |
|  Keynote Address - Shawn Rhodes | 1/2/2019 2:24 PM | File folder | |
|  M01-Designing a Quality 4.0 Strategy an... | 1/2/2019 2:20 PM | File folder | |
|  M02-Biomimicry Innovation Taking a Les... | 1/2/2019 2:20 PM | File folder | |
|  M03-Strategy Guide to Quality 4.0 Core F... | 1/2/2019 2:20 PM | File folder | |
|  M06-Quality of the Future Managing the ... | 1/2/2019 2:21 PM | File folder | |
|  M07-Are Your Quality Processes Stuck in ... | 1/2/2019 2:21 PM | File folder | |
|  M08-Cost of Quality and Industry 4.0 | 1/2/2019 2:22 PM | File folder | |
|  M09-Positioning Quality and Mission Su... | 1/2/2019 2:22 PM | File folder | |
|  M10-Good vs. Big Data Laying a Foundat... | 1/2/2019 2:22 PM | File folder | |
|  M11-A Data Scientist, Quality Engineer, a... | 1/2/2019 2:22 PM | File folder | |
|  M12-Operational Excellence in Times of ... | 1/2/2019 2:23 PM | File folder | |
|  M13-Assessing Readiness How to Kick of... | 1/2/2019 2:27 PM | File folder | |
|  M14-Agile Product Development and Ag... | 1/2/2019 2:27 PM | File folder | |
|  Q-Talk 1-Quality 4.0 and Digital Economi... | 1/2/2019 2:21 PM | File folder | |
|  Q-Talk 3-Quality's Leadership Role in Big... | 1/2/2019 2:21 PM | File folder | |
|  Q-Talk 4-VOC 4.0 Extract the Voice of the... | 1/2/2019 2:21 PM | File folder | |
|  Q-Talk 5-I Don't Trust You...Does That M... | 1/2/2019 2:24 PM | File folder | |
|  Q-Talk 6-Shift Left Leveraging Quality Pr... | 1/2/2019 2:24 PM | File folder | |
|  Q-Talk 7-Demystifying Quality 4.0 Tips f... | 1/2/2019 2:23 PM | File folder | |
|  Q-Talk 8-Are Your Quality Processes Stuc... | 1/2/2019 2:24 PM | File folder | |
|  Q-Talk 9-Managing for Big Data and Adv... | 1/2/2019 2:24 PM | File folder | |
|  T01-Using Machine Learning to Prevent ... | 1/2/2019 2:23 PM | File folder | |
|  T02-Transforming Culture to Ensure OPE... | 1/2/2019 2:23 PM | File folder | |
|  T03-Demystifying Blockchain Business A... | 1/2/2019 2:27 PM | File folder | |
|  T04-Kaizen 2.0 Continuous, Distributed K... | 1/2/2019 2:26 PM | File folder | |
|  T05-A Revolutionary Customers-Driven P... | 1/2/2019 2:26 PM | File folder | |
|  T07-The Impact of Industry 4.0 on Quality | 1/2/2019 2:24 PM | File folder | |

6) Double click one of the presentations and you should see this.




| Share with ▾ Burn New folder | | | | |
|-------------------------------|------------------|---------------------|--------|--|
| Name | Date modified | Type | Size | |
| mobile | 1/2/2019 2:20 PM | File folder | | |
| presentation_content | 1/2/2019 2:20 PM | File folder | | |
| launcher.asp | 1/2/2019 2:20 PM | ASP File | 5 KB | |
| meta.xml | 1/2/2019 2:20 PM | XML Document | 1 KB | |
| presentation.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 5 KB | |
| presentation.swf | 1/2/2019 2:20 PM | Shockwave Flash ... | 327 KB | |
| presentation_html5.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 6 KB | |
| presentation_unsupported.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 1 KB | |


7) Double clicking one of the “.html” files will play the presentation through your default browser. The “_html5.html” file will work on most browsers despite what type of computer you are using.



| Share with ▾ Burn New folder | | | | |
|-------------------------------|------------------|---------------------|--------|--|
| Name | Date modified | Type | Size | |
| mobile | 1/2/2019 2:20 PM | File folder | | |
| presentation_content | 1/2/2019 2:20 PM | File folder | | |
| launcher.asp | 1/2/2019 2:20 PM | ASP File | 5 KB | |
| meta.xml | 1/2/2019 2:20 PM | XML Document | 1 KB | |
| presentation.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 5 KB | |
| presentation.swf | 1/2/2019 2:20 PM | Shockwave Flash ... | 327 KB | |
| presentation_html5.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 6 KB | |
| presentation_unsupported.html | 1/2/2019 2:20 PM | Chrome HTML Do... | 1 KB | |



ASQ QUALITY 4.0 SUMMIT
on DISRUPTION, INNOVATION, and CHANGE



Ian Meggarrey, CMQ/OE, PMP

Outline

- 1. Introduction
- 2. Biomimicry
- 3. Biomimicry (cont'd)
- 4. Biomimicry (cont'd)
- 5. Biomimetics
- 6. History
- 7. History (cont'd)
- 8. Transportation
- 9. Transportation (cont'd)
- 10. Construction
- 11. Construction (cont'd)
- 12. Exercise: Part 1
- 13. Energy
- 14. Energy (cont'd)
- 15. Energy (cont'd)
- 16. Energy (cont'd)
- 17. Materials
- 18. Materials (cont'd)
- 19. Materials (cont'd)
- 20. Exercise: Part 2
- 21. Climbing
- 22. Climbing (cont'd)
- 23. Exercise: Part 3
- 24. Exercise: Part 3 (cont'd)
- 25. Climbing
- 26. Other Technologies

M02 - Biomimicry: Innovation Taking a Lesson From Nature (00:00 / 1:04:00)

