



Post Paper Acceptance Tasks Guide

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Source Citation

This guide is almost completely based on Jia-Bin Huang's (Assistant Professor at Virginia Tech) Twitter thread:

<https://twitter.com/jbhuang0604/status/1379448897823776769?s=20>

His website: [Jia-Bin Huang](#)





Pick A Good Acronym

Make it easy for people to remember and refer to your work. As David Patterson said in his lecture linked below, the vowel is important.

<https://twitter.com/jbhuang0604/status/1379448946406346758?s=20>

For example, NeRF sounds better than NRF.

DANTE: Deep AlterNations for Training nEural networks

Vaibhav B Sinha^{a,1,2,*}, Sneha Kudugunta^{a,1}, Adepu Ravi Sankar^a, Surya Teja Chavali^a, Purushottam Kar^b, Vineeth N Balasubramanian^a,

MASON: A Model AgnoStic ObjectNess
Framework

K J Joseph and Vineeth N Balasubramanian

DAiSEE: Towards User Engagement
Recognition in the Wild

Abhay Gupta, Arjun D'Cunha, Kamal Awasthi and Vineeth Balasubramanian



Create A Website

Use memorable domain names for your project website so that people can easily find/share the link. No university account? That's okay. Register a new name for GitHub pages.

Examples:

- <http://oops.cs.columbia.edu>
- <http://crowdsampling.io>
- <https://robust-cvd.github.io/>
- <https://nerfies.github.io/> (HTML responsive web design)
- <https://richzhang.github.io/colorization/> (HTML responsive web design)





Make A Result Video

Make a simple video showing the best results from your work!

Example:

- <https://www.youtube.com/watch?v=CHHVPxHT7rc>
- <https://www.youtube.com/watch?v=x-wHrYHJSm8>





Make A Paper Video

Having a short video introducing the essence of the paper always helps. Note that this is different from the result video.

Examples:

- <https://youtube.com/watch?v=EpH175PY1A0> (@jon_barron)
- <https://youtube.com/watch?v=K3z68mOLbNo> (@AbeDavis)
- <https://youtube.com/watch?v=sA4Za3Hv6ng> (@JPKopf)

Feel free to use TTS Video Making Softwares.



Add Pleasant/Engaging Music

How is music related to my research? YES, it helps make your video more engaging and fun to watch. If possible, match the transitions with music beats.

Examples:

- <https://youtu.be/rHnOr3oZ5VI>
- <https://youtu.be/KO3sULs4hso>
- <https://youtu.be/VjR11gkmm3E> (@holynski_)

Provide Downloadable Results

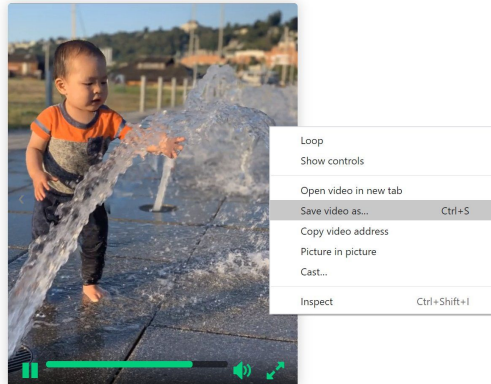
Do not put your result videos on YouTube and then embed them on your website. Make it super easy for people to download (and share) your results. Help people help share your work.

No image/video size limits so share the highest quality possible.

3D Photography using Context-aware Layered Depth Inpainting

Meng-Li Shih^{1,2} Shih-Yang Su¹ Johannes Kopf³ Jia-Bin Huang¹

¹Virginia Tech ²National Tsing Hua University ³Facebook



Provide Additional Results

Very often you need to work hard constructing the baseline results across multiple datasets. Make them available so that people can easily follow up. For example, many citations of this work are not for specific technical contributions.

Single Image Super-Resolution from Transformed Self-Exemplars

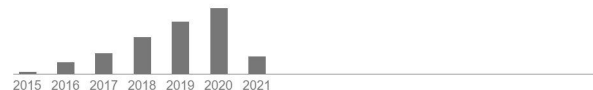
Authors Jia-Bin Huang, Abhishek Singh, Narendra Ahuja

Publication date 2015/6

Conference IEEE Conference on Computer Vision and Pattern Recognition

Description Self-similarity based super-resolution (SR) algorithms are able to produce visually pleasing results without extensive training on external databases. Such algorithms exploit the statistical prior that patches in a natural image tend to recur within and across scales of the same image. However, the internal dictionary obtained from the given image may not always be sufficiently expressive to cover the textural appearance variations in the scene. In this paper, we extend self-similarity based SR to overcome this drawback. We expand the internal patch search space by allowing geometric variations. We do so by explicitly localizing planes in the scene and using the detected perspective geometry to guide the patch search process. We also incorporate additional affine transformations to accommodate local shape variations. We propose a compositional model to simultaneously handle both types of transformations. We extensively evaluate the performance in both urban and natural scenes. Even without using any external training databases, we achieve significantly superior results on urban scenes, while maintaining comparable performance on natural scenes as other state-of-the-art SR algorithms.

Total citations Cited by 1314





Maintain Good GitHub Repository

Don't simply dump unorganized research code to GitHub. Write clear instructions and simplify the steps required to get the code running.

Examples:

- <https://github.com/junyanz/pytorch-CycleGAN-and-pix2pix>
(@junyanz89)
- <https://github.com/NVlabs/stylegan2>
- <https://github.com/wvangansbeke/Unsupervised-Classification>





Create A Colab Example

Not everyone has the knowledge/resources to set up the environment required for your code on GitHub. Preparing a colab notebook demo (or other platforms) allows everyone to play around with your method.

The word "colab" is written in a large, lowercase, sans-serif font. The letters "co" are yellow with a slight gradient, while the letters "lab" are a solid orange color.



Post on Arxiv Strategically

Host all your papers on arXiv. It's very frustrating to papers behind the paywall.

Posting your paper at a specific time further increases the visibility/readership/impact of your work. Why is that the case? Why should we care? Please go through this thread to understand why:

<https://twitter.com/jbhuang0604/status/1337985347733622788>

Paper: [Positional Effects on Citation and Readership in arXiv](#)

Also, always clean your latex before you upload:

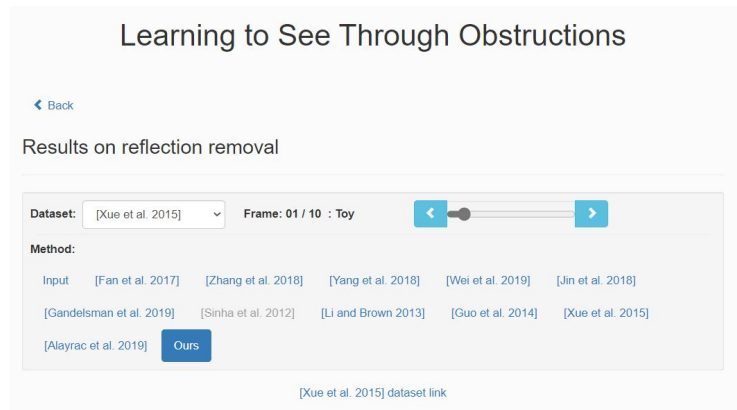
- <https://opensource.google/projects/arxiv-latex-cleaner>
- <https://github.com/google-research/arxiv-latex-cleaner>

Create A Supplementary Website

Organize all the results across multiple datasets, methods, and ablation on a webpage. This allows EVERYONE (including myself) to interactively explore the results.

Example:

- https://alex04072000.github.io/ObstructionRemoval/website/Obstruction_HTML_CameraReady/pages/reflection.html





Miscellaneous

- Hyperlinks
 - Make sure every page has hyperlinks to every other pages. For examples, add links to authors' pages, related projects, GitHub/Colab, datasets, YouTube videos additional results. Make it easy to navigate the contents via multiple paths.
- BibTeX
 - Everyone knows that bibtex from google scholar is erroneous. Do your readers a favor and help people cite your paper correctly.





Miscellaneous

- Paper title
 - A title should capture what is SPECIAL about the paper. Check out the talk by Jitendra Malik about the paper title - <https://t.co/XLy9IVIXjF?amp=1>.
- Links to Concurrent Work
 - Provide readers a complete landscape of concurrent work.
 - "Credits are not like money. Giving credit to others does not diminish the credit you get from your paper." - Simon Peyton Jones
 - Examples:
 - <https://phog.github.io/snerg/>
 - <https://alexyu.net/plenotrees/>





Some Useful Resources

- Screen Recording Softwares
 - (Windows) Free Cam 8:
<https://www.freescreeenrecording.com/>
 - (Linux) Article:
<https://itsfoss.com/best-linux-screen-recorders/>
- Video Editing Softwares
 - (Windows) Video Editor Guide:
<https://support.microsoft.com/en-us/windows/create-films-with-video-editor-94e651f8-a5be-ae03-3c50-e49f013d47f6>
 - (Linux) Article:
<https://itsfoss.com/best-video-editing-software-linux/>