

**From:** [Lichtinger, Jacob T. \(Fed\)](#)  
**To:** [Moody, Dustin \(Fed\)](#)  
**Subject:** Re: Follow-up  
**Date:** Thursday, March 3, 2022 10:18:08 AM

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Ok, thanks! I will start with a resource that Daniel mentioned for S-units since that builds on the lattice work I worked on. I would like to learn more about elliptic curves in the future though.

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**From:** Moody, Dustin (Fed) <dustin.moody@nist.gov>  
**Sent:** Thursday, March 3, 2022 9:39 AM  
**To:** Lichtinger, Jacob T. (Fed) <jacob.lichtinger@nist.gov>  
**Subject:** Re: Follow-up

For the S-unit attack, I think Ray, Gorjan, or Yi-Kai would be the best people to work with. You can ask Ray if he is good to work through the papers with you. If he can't, then we can talk to Yi-Kai.

If you'd like to learn more about elliptic curves, then I'm the right person to work with you on that. That's where my background and research area lie.

So pick which one, or you could pick both to learn about. We'll take it from there.

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**From:** Lichtinger, Jacob T. (Fed) <jacob.lichtinger@nist.gov>  
**Sent:** Thursday, March 3, 2022 9:34 AM  
**To:** Moody, Dustin (Fed) <dustin.moody@nist.gov>  
**Subject:** Re: Follow-up

Hi Dustin,

Great, thank you so much! Ray and I are working on a meeting time.

I am hoping to look at cryptography from a more mathematical/algebraic perspective. I think a good starting place would be to explore the ideas behind the S-unit attack and/or some elliptic curve cryptography. Do you have any suggestions?

Thanks,

Jacob

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**From:** Moody, Dustin (Fed) <dustin.moody@nist.gov>  
**Sent:** Wednesday, March 2, 2022 11:34 AM  
**To:** Lichtinger, Jacob T. (Fed) <jacob.lichtinger@nist.gov>  
**Subject:** Follow-up

Jacob,

As I'm sure you know, Lily managed to get everybody to sign everything needed for you to continue here at NIST. We're glad to still have you! I've asked Ray to keep working with you. I think it'd be good if you guys met weekly. I believe you're still involved with some project(s) with him? I'd like to also encourage you to explore other areas you may be interested in. Is there a particular topic you'd like to learn more about? Please let me know.

Dustin