

Statement by Each Submitter

I, Daniel J. Bernstein, of CS, 951 S. Morgan (MC152), Chicago, IL 60607-7053, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters. I further declare that (check one):

- I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺ OR (check one or both of the following):
- to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as _____ may be covered by the following U.S. and/or foreign patents: _____
- I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3, below, for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: D.J. Bernstein

Title: Research Professor

Date: 14 March 2018

Place: Eindhoven

2.D.1 Statement by Each Submitter

I, Christoph Dobraunig, IAIK - Graz - University Of Technology, Inffeldgasse 16a, A-8010 Graz, declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

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consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: 

Title:

Date: 29. November 2017

Place: Graz, Austria

2.D.1 Statement by Each Submitter

I, Christoph Dobraunig, of IAIK - Graz - University Of Technology, Inffeldgasse 16a, A-8010 Graz, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

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 - I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.
-

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the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: *Christoph Delano*

Title:

Date: 29. November 2017

Place: Graz, Austria

2.D.1 Statement by Each Submitter

I, Maria Eichlseder, of Graz University of Technology, Inffeldgasse 16a/I, 8010 Graz , do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

(X) I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺;

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Signed: Maria Eichlseder

Title:

Date: 29 November 2017

Place: Graz

2.D.1 Statement by Each Submitter

I, Scott Roy Fluhrer, of 31 Massand Road, North Attleboro, MA, USA , do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

- to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____*
 - I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____*
-

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

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the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: *[Signature]*
Title: Mr Sean Fluhrer
Date: Massachusetts, USA
Place: 11/28/17

2.D.1 Statement by Each Submitter

I, Stefan-Lukas Dominik Gazdag, of genua GmbH (Domagkstr. 7, 85551 Kirchheim b. München, Germany), do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

- to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____;*
_____;
- I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.*
_____.

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

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Signed: *Stefan -tukas Gazdag*

Title: *M.Sc.*

Date: *26th Nov. 2017*

Place: *Kirchheim b. München, Germany*

2.D.1 Statement by Each Submitter

I, Andreas Thomas Hülsing, of Eindhoven University of Technology, De Rondom 70, 5612 AP Eindhoven, The Netherlands, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____;

I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.

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the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: 
Title: Dr. Andreas Thomas Helsing, Postdoc
Date: November 23, 2017
Place: Eindhoven, The Netherlands

2.D.1 Statement by Each Submitter

I, Panos Kampanakis of RTP2H/3, 7025-2 Kit Creek Rd, RTPNC 27709, USA, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

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I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.

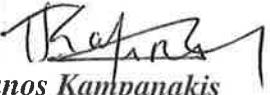
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the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: 
Title: *Panos Kampanakis*
Date: *11/28/2017*
Place: *RTP, NC, USA*

2.D.1 Statement by Each Submitter

I, Stefan Kölbl, Richard Petersen Plads, Building 324, room 210, 2800 Kgs. Lyngby, Denmark, declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

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Signed: 

Title:

Date: 23. November 2017

Place: Kgs. Lyngby, Denmark

Statement by Each Submitter

I, TANJA LANZ, of Postnaustrasse 10, 5600 Hagen, Germany, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters. I further declare that (check one):

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Signed: Tanja Lanz

Title: Professor

Date: 14 March 2018

Place: Eindhoven

2.D.1 Statement by Each Submitter

I, Martin Mehl Lauridsen, of Carl Jacobsens Vej 17M, 4. th., 2500 Valby, Denmark, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Martin Mehl Lauridsen

Title: PhD

Date: November 23, 2017

Place: Copenhagen



A handwritten signature in blue ink, appearing to read "Martin M. Lauridsen". The signature is fluid and cursive, with "Martin" and "Lauridsen" being the most distinct parts.

2.D.1 Statement by Each Submitter

I, Florian Mendel, Margarethe-Selenka-Str. 17, 81737 Munich, Germany, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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- I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations:* _____.

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I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: 

Title:

Date: 29. November 2017

Place: Munich, Germany

2.D.1 Statement by Each Submitter

I, Ruben Niederhagen of Fraunhofer Institute for Secure Information Technology, Rheinstraße 75, 64295 Darmstadt, Germany, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

- I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; **OR** (check one or both of the following):
- to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____;
- I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3 in the Call For Proposals for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: RL Wrd
Title:

Date: November 23, 2017

Place: Darmstadt

2.D.1 Statement by Each Submitter

I, _Christian Rechberger_, of _TU Graz, Inffeldgasse 16a, A-8010 Graz_ , do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS[±], is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS[±]; OR (check one or both of the following):

- *to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS[±], may be covered by the following U.S. and/or foreign patents: _____;*
- *I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.*

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3 in the Call For Proposals for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from

consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed:

A handwritten signature in black ink, appearing to read "Andreas Hölzl".

Title:

Date: 23.11.2017

Place: Graz, Austria

2.D.1 Statement by Each Submitter

I, Leendert Cornelis Joost Rijneveld, of Radboud University, Comeniuslaan 4, 6525 HP Nijmegen, The Netherlands, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____;

I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3 in the Call For Proposals for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of

the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed Leendert Cornelis Joost Rijneveld 

Title: PhD Student

Date: 23-11-2017

Place: Eindhoven, The Netherlands

2.D.1 Statement by Each Submitter

I, Peter Schwabe, of Radboud University, Comeniuslaan 4, 6525 HP Nijmegen, The Netherlands, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

- I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺; OR (check one or both of the following):

to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, may be covered by the following U.S. and/or foreign patents: _____;

I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____.

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

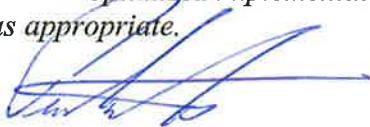
I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3 in the Call For Proposals for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of

the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed



Title: Dr. Peter Schwabe, Assistant Professor

Date: Nov. 23, 2017

Place: Eindhoven, The Netherlands

2.D.3 Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, Panos Kampanakis, RTP2H/3, 7025-2 Kit Creek Rd, RTPNC 27709, USA, am the owner or authorized representative of the owner of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed: 

Title: Panos Kampanakis

Date: 11/28/2017

Place: RTP, NC, USA

2.D.3 Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, Martin Mehl Lauridsen, Carl Jacobsens Vej 17M, 4. th., 2500 Valby, Denmark, am the owner or authorized representative of the owner (print full name, if different than the signer) of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed: Martin Mehl Lauridsen

Title: PhD

Date: November 23, 2017

Place: Copenhagen

A handwritten signature in blue ink, appearing to read "Martin M. Lauridsen".

2.D.3 Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, Stefan Kölbl, Richard Petersen Plads, Building 324, room 210, 2800 Kgs. Lyngby, Denmark, am the owner or authorized representative of the owner (print full name, if different than the signer) of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed: 

Title:

Date: 23. November 2017

Place: Kgs. Lyngby, Denmark

2.D.3 Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, Leendert Cornelis Joost Rijneveld, Radboud University, Comeniuslaan 4, 6525 HP Nijmegen, The Netherlands, am the owner or authorized representative of the owner (print full name, if different than the signer) of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed: *Leendert Cornelis Joost Rijneveld* 

Title: *PhD Student*

Date: *23 - 11 - 2017*

Place: *Eindhoven, The Netherlands*

2.D.3 Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, Peter Schwabe, Radboud University, Comeniuslaan 4, 6525 HP Nijmegen, The Netherlands, am the owner or authorized representative of the owner (print full name, if different than the signer) of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed:



Title: Dr. Peter Schwabe, Assistant Professor

Date: 23 Nov. 2017

Place: Eindhoven, The Netherlands

2.D.1 Statement by Each Submitter

I, Jean-Philippe Aumasson, of avenue de l'esplanade 28, 1012 Lausanne, Switzerland, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS+, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that:

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS+:

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3 in the Call For Proposals for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3 of the Call For Proposals, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed:
Title: Jean-Philippe Aumasson
Date: July 31st, 2019
Place: Lausanne, Switzerland



2.D.1 Statement by Each Submitter

I, _____ Ward Beullens _____, of _____ Rutistrasse 64, Adliswil 8134, Switzerland _____, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as _____ Sphincs+_____, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as _____ Sphincs+_____; OR (check one or both of the following):

- to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as _____ (print name of cryptosystem)_____, may be covered by the following U.S. and/or foreign patents: _____ (describe and enumerate or state “none” if applicable)_____;*
- I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: _____ (describe and enumerate or state “none” if applicable)_____.*

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem’s specifications (e.g., to protect against a newly discovered vulnerability).

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I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3, below, for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

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made under Sections 2.D.1, 2.D.2 and 2.D.3, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed: Ward Beullens

Title: Dr.

Date: 30/03/2022

Place: Adliswil, Switzerland

A handwritten signature in black ink, appearing to read "Beullens". The signature is fluid and cursive, with a large, stylized 'B' at the beginning and a smaller 'e' and 'llens' following it.

I, dr. Bastiaan Eelco Westerbaan, of Cloudflare Netherlands BV, Keizersgracht 62, Amsterdam, The Netherlands, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that:

- I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as SPHINCS⁺.*

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

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I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3, below, for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

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Signed:

*Title: dr. B.E. Westerbaan
Date: march 29th, 2022
Place: Nijmegen, The Netherlands*

I, dr. Bastiaan Eelco Westerbaan, of Cloudflare Netherlands BV, Keizersgracht 62, Amsterdam, The Netherlands, am the owner of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed:
Title:
Date:
Place:



dr. B.E. Westerbaan
march 29th, 2022
Nijmegen, The Netherlands