

**Name of the cryptosystem:**

SD in the Head  
Full: Syndrome Decoding in the Head  
Short: SDitH

**Principal submitters:**

Carlos Aguilar Melchor, SandboxAQ  
Thibault Feneuil, CryptoExperts  
Nicolas Gama, SandboxAQ  
Shay Gueron, University of Haifa and Meta  
James Howe, SandboxAQ  
David Joseph, SandboxAQ  
Antoine Joux, CISA  
Edoardo Persichetti, Florida Atlantic University and  
Sapienza University  
Tovohery H. Randrianarisoa, Umeå University  
Matthieu Rivain, CryptoExperts  
Dongze Yue, SandboxAQ

**Inventors:**

Same as submitters

**Owners:**

None (dedicated to the public domain)

**E-mail address:**

consortium@sdith.org

**Postal address:**

SDitH Consortium  
CryptoExperts  
41, boulevard des Capucines  
75002 Paris  
France

Signed: Carlos Aguilar Melchor  
Date: May 24, 2023  
Place: Toulouse, France

A handwritten signature in blue ink, consisting of several fluid, connected strokes that form a cursive representation of the name Carlos Aguilar Melchor.

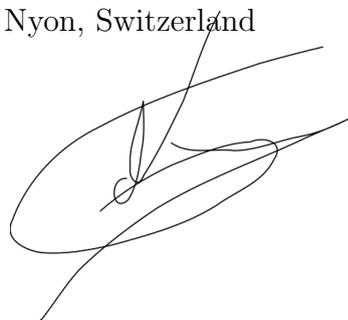
Signed: Thibault Feneuil

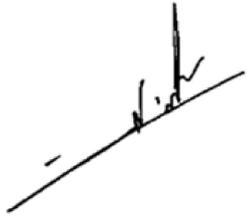
Date: May 24, 2023

Place: Paris, France

A handwritten signature in black ink. The name 'Thibault' is written in a cursive style, and 'FENEUIL' is written in all caps below it. The signature is enclosed within a stylized, hand-drawn frame that resembles a banner or a stylized 'V' shape.

Signed: Nicolas Gama  
Date: May 24, 2023  
Place: Nyon, Switzerland

A handwritten signature in black ink, consisting of several fluid, overlapping loops and lines, positioned below the typed text.

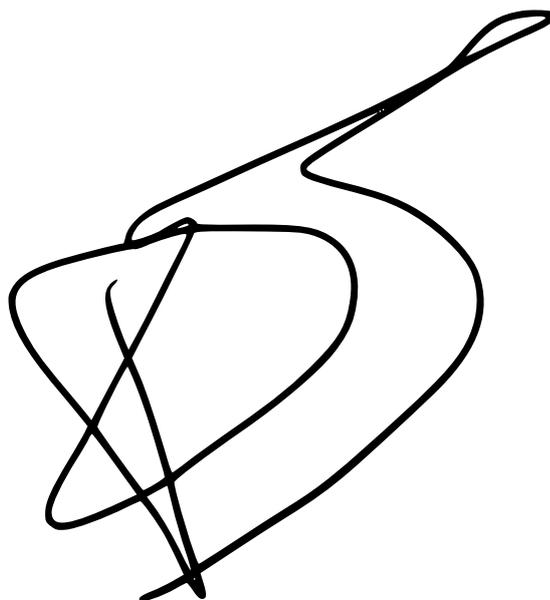
A handwritten signature in black ink, appearing to be 'Shay Gueron', written over a diagonal line that serves as a baseline.

Signed: Shay Gueron  
Date: May 24, 2023  
Place: Haifa, Israel

Signed: James Howe  
Date: May 24, 2023  
Place: London, UK

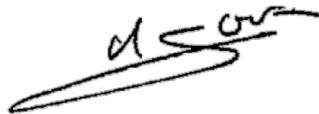
*James Howe*

Signed: David Joseph  
Date: May 24, 2023  
Place: London, UK

A handwritten signature in black ink, consisting of several overlapping loops and a long, thin tail extending towards the top right.

Signed: Antoine Joux  
Date: May 24, 2023  
Place: Saarbrucken, Germany

Antoine Joux

A handwritten signature in black ink, appearing to read 'A. Joux', written over a horizontal line.

A handwritten signature in black ink, appearing to read 'Edoardo Persichetti', with a long horizontal stroke extending to the right.

Signed: Edoardo Persichetti

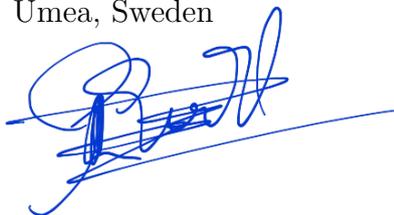
Date: May 24, 2023

Place: Rome, Italy

Signed: Tovoherly H. Randrianarisoa

Date: May 24, 2023

Place: Umea, Sweden

A handwritten signature in blue ink, consisting of several overlapping loops and strokes, positioned below the text.

Signed: Matthieu Rivain

Date: May 24, 2023

Place: Paris, France

A handwritten signature in black ink, consisting of several overlapping loops and a final horizontal stroke.

Signed: Dongze Yue

Date: May 24, 2023

Place: Palo Alto, CA, USA

A handwritten signature in black ink, appearing to read "Dongze Yue". The signature is written in a cursive style with a large initial "D" and a stylized "Yue" at the end.