

**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, CISP  
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 stylized representation of the name Carlos Aguilar Melchor.

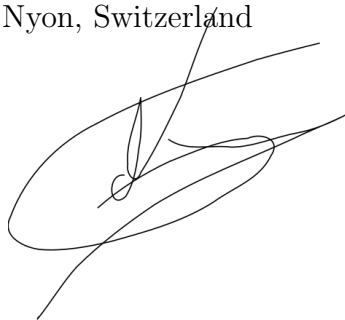
Signed: Thibault Feneuil

Date: May 24, 2023

Place: Paris, France

A handwritten signature in black ink. The word "Thibault" is written in a cursive script, and "FENEUIL" is written in all-caps, bold, sans-serif letters below it. The signature is enclosed within a stylized, elongated, and slightly curved frame that resembles a wide, shallow 'V' or a stylized 'S'.

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

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

A handwritten signature in black ink, appearing to read 'Shay Gueron', is written over a diagonal line.

Signed: Shay Gueron

Date: May 24, 2023

Place: Haifa, Israel

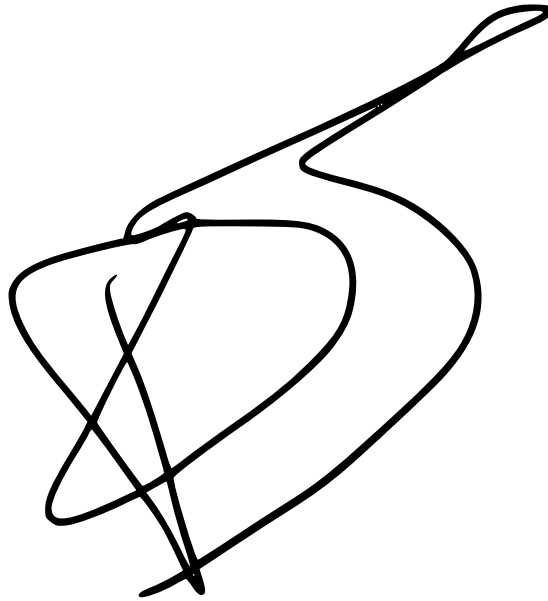
Signed: James Howe

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, sweeping stroke extending towards the top right.

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

Antoine Joux  




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

Signed: Edoardo Persichetti

Date: May 24, 2023

Place: Rome, Italy

Signed: Tovoher H. Randrianarisoa

Date: May 24, 2023


Place: Umea, Sweden

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

Signed: Matthieu Rivain

Date: May 24, 2023

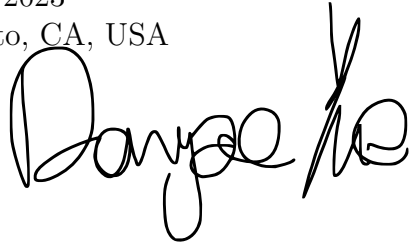
Place: Paris, France

A handwritten signature in black ink, consisting of a stylized 'M' and 'R' intertwined.

Signed: Dongze Yue

Date: May 24, 2023

Place: Palo Alto, CA, USA

A handwritten signature in black ink, appearing to read 'Dongze Yue', with a stylized flourish at the end.