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HPC DEEP Social Landscape

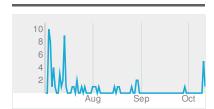
July 1, 2017 at 4pm - October 12, 2017 at 4pm

This report analyzes 66 social mentions including the keywords @DEEPprojects between July 1st at 4pm (Central European Daylight Time) and October 12th at 4pm (Central European Daylight Time).

The peak of conversation happened on July 3rd, which included the keywords modular supercomputer, round, supercomputer, principle and new data analytics.

The most influential profile during the selected time period was @primeurmagazine, who has 1,493 followers. @primeurmagazine's mentions were shared once.

Volume:

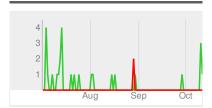


There were 66 mentions between July 1st at 4pm and October 12th at 4pm.

The peak of conversation (10 mentions) occurred on July 3rd..

The most frequently used keywords during that peak were modular supercomputer, round, supercomputer, principle and new data analytics.

Sentiment:



41% Positive

Peak: 4 mentions on July 3rd.

3% Negative

Peak: 2 mentions on August 28th.

Most shared Positive mention:

DEEP-EST project launched on July 1st. New data analytics module will extend the flexibility of the modular supercomputer @DEEPprojects https://t.co/DK6AUIRtGm



FZ Jülich-JSC Influence: 40 Followers: 50

The Jülich Supercomputing Centre operates supercomputers of highest performance. We enable scientists and engineers to solve complex problems by simulations.

Influencers:







FZ Jülich

Forschungszentrum Jülich is focused on use-inspired basic research. It counts among the...

Score: 51

The Top 10 Influencers are interested in hpc, exascale-ready hpc architecture and architecture addressing energy.

Location:



The highest number of mentions originated from **United Kingdom**, **Germany** and **Spain**.

Luxembourg, **United Kingdom** and **Germany** had the most mentions per capita.

Conversations:

18.0%

7 mentions shared "supercomputer"

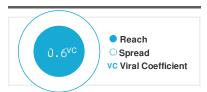
15 4%

6 mentions shared "round"

12.8%

5 mentions shared "step"

Viral Coefficient:



Original mentions had a potential of reaching 11,759 people between July 1st and October 12th.

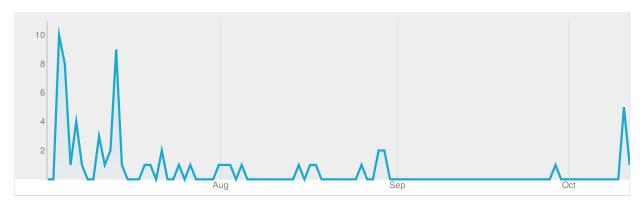
In the same timeframe, those mentions spread to **6,988** additional people via Re-Tweets and Shares.

Viral Coefficient

Mentions during this time period were quite viral.

Between July 1st at 4pm and October 12th at 4pm there were 66 mentions. 46 of these were original mentions reaching a potential audience of 11,759. In addition, 14 unique profiles made a total of 20 reshares spreading the mentions to an additional 6,988 people.

Mentions Timeline



66

Total Mentions

On July 3rd, there was a spike of 10 mentions.

The most frequently used keywords during that time were modular supercomputer, round, supercomputer, principle and new data analytics

Content Source Breakdown

Twitter

100% (66 mentions)



Original mentions had a potential of reaching 11,759 people between July 1st and October

In the same timeframe, those mentions spread to 6,988 additional people via Re-Tweets and Shares.

Viral Coefficient

Mentions during this time period were quite viral.

Most Reach

@fz_juelich, who posted on July 3rd at 10:39am, has the most followers (3,709).

Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux



Influence: 52 Followers: 3,709

Forschungszentrum Jülich is focused on useinspired basic research. It counts among the major interdis. research centres in Europe. http://fakten.fz-juelich.de

Most Spread

On July 3rd at 10:39am @fz_juelich, who has 3,709 followers, posted a mention that spread to 2,073 additional people.

Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux



FZ Jülich

Influence: 52 Followers: 3,709

Forschungszentrum Jülich is focused on useinspired basic research. It counts among the major interdis, research centres in Europe. http://fakten.fz-juelich.de

Most Popular

The most popular mention appeared on July 3rd at 10:39am, posted by @fz_juelich, and as of October 25th at 3:12pm, was retweeted 3

Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux



FZ Jülich

Influence: 51 Followers: 3,745

Forschungszentrum Jülich is focused on useinspired basic research. It counts among the major interdis. research centres in Europe. http://fakten.fz-juelich.de

The top Influencer, **Primeur Magazine** with **1,493** followers and an influencer Score of **54**, posted twice between July 1st at 4pm and October 12th at 4pm. The most active author, **DEEP Projects**, who has **669** followers and an Influencer Score of **39**, posted 23 times during the same period.

Name	Bio	Followers	Score
Primeur Magazine @primeurmagazine	Europe's major supercomputer, HPC, Grid and HPC/Cloud magazine	1,493	54
July 13th at 8:47am	In the way to @DEEPprojects #DEEP-EST kick off at @fz-juelich. Will be great to meet everyone @EPCCed #hpc https://t.co/wo5LwmXKn6		
epcc EPCCed @EPCCed	EPCC provides high-performance computing expertise, resources, training and facilities for industry and academia. We host ARCHER, the UK's HPC service.	1,359	52
July 13th at 12:57pm	How HPC application developers make use of @DEEPprojects technologies: https://t.co/uE5bhmOTXb #parallelIO #Resiliency #Exascale		
FZ Jülich @fz_juelich	Forschungszentrum Jülich is focused on use-inspired basic research. It counts among the major interdis. research centres in Europe. http://fakten.fz-juelich.de	3,745	51
July 3rd at 10:39am	Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux		
Mont-Blanc @MontBlanc_Eu	European Exascale computing approach, based on ARM power-efficient technology	1,416	51
October 12th at 9:40am	Will you be in Denver for #SC17 ? @MontBlanc_Eu will be on booth 1694, shared with @DEEPprojects and @SageStorage https://t.co/uh9Jz21Ncs		
Adrian Jackson @adrianjhpc	, @ ,	362	47
July 14th at 9:03am	Day 2 of the @DEEPprojects #DEEP-EST kick off meeting https://t.co/X2uy6uxLgd		
exdci EXDCI @exdci_eu	European Extreme Data Computing Initiative: towards the development and implementation of a common strategy for the European HPC Ecosystem.	364	44
July 3rd at 6:31pm	DEEP-EST project launched on July 1st. New data analytics module will extend the flexibility of the modular supercomputer @DEEPprojects		
Gerardo Rojas @klarkkant	ό ἥλιος καθάπερ ὁ Ἡράκλειτός φησι, νέος ἐφ' ἡμέρη ἐστίν	604	44
July 4th at 4:10pm	Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux		
EuroHPC @EuroHpc	Covering the EuroHPC journey: Europe on the road to exascale	117	43
July 4th at 11:01am	Next step towards European #exascale #supercomputer: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknulq		

15 mentions were analyzed between July 1st at 4pm and October 12th at 4pm which were either geo-tagged at a specific location or were associated with a particular location based on the person's bio. Most of the conversation (40%) originated from **United Kingdom**.



Total Volume by Country

United Kingdom (6 mentions), **Germany** (4 mentions) and **Spain** (2 mentions) posted the highest number of mentions.

Sample Mention from United Kingdom:

In the way to @DEEPprojects #DEEP-EST kick off at @fz-juelich. Will be great to meet everyone @EPCCed #hpc https://t.co/wo5LwmXKn6

Adrian Jackson Influence: 47 Followers: 362

Volume per Capita

United Kingdom (6 mentions), **Germany** (4 mentions) and **Luxembourg** (1 mentions) had the highest number of people per capita posting during this time period.

Sample Mention from United Kingdom:

In the way to @DEEPprojects #DEEP-EST kick off at @fz-juelich. Will be great to meet everyone @EPCCed #hpc https://t.co/wo5LwmXKn6

Adrian Jackson
Influence: 47 Followers: 362

Languages

English

100%

Findings

Your brand is worldwide and facilitates conversation in every areas. This week there were no spikes in conversation in a specific location.

There were 39 mentions across 14 major categories from July 1st at 4pm and October 12th at 4pm of which 3 were unique mentions.

Word Burst

18.0% 7 mentions shared "supercomputer"

15.4% 6 mentions shared "round"

12.8% 5 mentions shared "step"

10.3% 4 mentions shared "principle"

7.7% 3 mentions shared "data"

7.7% ^{3 mentions shared "workshop"}



Trending Hashtags

Hashtag	Occurrences
#hpc	14
#exascale	9
#supercomputer	7
#resiliency	4
#parallelio	4
#isc17	3
#deep	3
#supercomputing	3
#tbt	2

Trending Keywords

Keyword	Occurrences
modular supercomputer	7
round	6
supercomputer	6
starts	6
use	6
technologies	6
next step	5
principle	4
how hpc application developers	4

Trending URLs

URL	Occurrences
https://t.co/DGOdaZfvux	6
http://www.fz-juelich.de/SharedDocs/	6
https://t.co/hzPUCknulq	6
http://primeurmagazine.com/weekly/A	\ 6
https://twitter.com/fz_juelich/status/88	3 4
https://t.co/DK6AUIRtGm	4
https://twitter.com/ECAM2020/status/	' 3
https://t.co/wHLowVGO21	3
https://twitter.com/fzj_jsc/status/8818	2

July 3rd at 10:39am - Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux https://t.co/7tWMfcYXed





@fz_juelich

Influence: 51 Followers: 3,745

July 3rd at 12:33pm - Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux https://t.co/7tWMfcYXed





@rmaribondo

Influence: 27 Followers: 131

July 3rd at 2:01pm - Modular #Supercomputer enters next round: We are thrilled to announce the official start of our 3rd DEEP project https://t.co/bmWuSROK21





@DEEPprojects

Influence: 39 Followers: 669

July 3rd at 6:31pm - DEEP-EST project launched on July 1st. New data analytics module will extend the flexibility of the modular supercomputer @DEEPprojects https://t.co/DK6AUIRtGm





exdci 💟 @exdci_eu

Influence: 44 Followers: 364

July 3rd at 11:22pm - Next step in European #Supercomputer design: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknulq https://t.co/Df56EFwWJe





@patrick_garda

Influence: 21 Followers: 53

July 4th at 10:30am - How DEEP is your supercomputer? Look forward to seeing what the DEEP-EST phase of @DEEPprojects will bring https://t.co/MvOvLw5iLr https://t.co/x7QvgedOwD





@hipeac

Influence: 10 Followers: 1,235

July 4th at 11:05am - Next step towards European #exascale #supercomputer: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknulq https://t.co/gMyGhkQ8zz





@e_markidou

Influence: 20 Followers: 35

July 4th at 11:58am - Next step towards European #exascale #supercomputer: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknuIq https://t.co/gMyGhkQ8zz





@adrianogalano

Influence: 30 Followers: 408

July 4th at 2:30pm - While we're ramping up for the next phase of @DEEPprojects check out what we've achieved in DEEP-ER https://t.co/qYRx5Jbze0 #HPC #exascale



July 3rd at 10:49am - Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux https://t.co/7tWMfcYXed



@DEEPprojects

Influence: 39 Followers: 669

July 3rd at 1:34pm - DEEP-EST project launched on July 1st. New data analytics module will extend the flexibility of the modular supercomputer @DEEPprojects https://t.co/DK6AUIRtGm



@fzj_jsc

Influence: 40 Followers: 50

July 3rd at 4:35pm - DEEP-EST project launched on July 1st. New data analytics module will extend the flexibility of the modular supercomputer @DEEPprojects https://t.co/DK6AUIRtGm



@DEEPprojects

Influence: 39 Followers: 669

July 3rd at 9:24pm - Next step in European #Supercomputer design: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknulq https://t.co/Df56EFwWJe



@EuroHpc

Influence: 43 Followers: 117

July 4th at 12:22am - Modular #Supercomputer enters next round - EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/Q62jE6aPNK https://t.co/8sV0qMF4DY



@primeurmagazine

Influence: 54 Followers: 1,493

July 4th at 11:01am - Next step towards European #exascale #supercomputer: EU funded DEEP-EST @DEEPprojects led by @fzj_jsc starts https://t.co/hzPUCknulq https://t.co/gMyGhkQ8zz



@EuroHpc Influence: 43 Followers: 117

July 4th at 11:16am - How DEEP is your supercomputer? Look forward to seeing what the DEEP-EST phase of @DEEPprojects will bring https://t.co/MvOvLw5iLr https://t.co/x7QvgedOwD



@erikajob8

Influence: 41 Followers: 503

July 4th at 12:02pm - Good news concerning our friends from the @DEEPprojects https://t.co/FGbA26JVT6



@MontBlanc_Eu

Influence: 49 Followers: 1,374

July 4th at 4:10pm - Modular Supercomputer enters next round. @DEEPprojects develops supercomputer according to building-block principle. https://t.co/DGOdaZfvux https://t.co/7tWMfcYXed





July 5th at 9:25am - We're entering the next phase of DEEP projects: DEEP-EST (Extreme Scale Technologies) officially started July 1 https://t.co/AuVZ26Cu39 #HPC



@DEEPprojects

Influence: 39 Followers: 669

July 6th at 11:15am - @DEEPprojects presented by Estela Suarez at @ECAM2020 Exascale Workshop https://t.co/wHLowVGO21



cam 2 @ECAM2020

Influence: 30 Followers: 51

July 6th at 8:29pm - @DEEPprojects presented by Estela Suarez at @ECAM2020 Exascale Workshop https://t.co/wHLowVGO21



@Tomtherhymer

Influence: 35 Followers: 100

July 10th at 2:45pm - Co-Design is essential for our R&D - check out examples, e.g. finding a use case for network attached #memory https://t.co/EBq7s8Dag6 #HPC



@DEEPprojects

Influence: 39 Followers: 669

July 10th at 9:40pm - @ernstdj Here u go: https://t.co/4v6UKWA2qc



@DEEPprojects

Influence: 39 Followers: 669

July 12th at 8:32pm - In the way to @DEEPprojects #DEEP-EST kick off at @fz-juelich. Will be great to meet everyone @EPCCed #hpc https://t.co/wo5LwmXKn6



@adrianjhpc

Influence: 47 Followers: 362

July 13th at 8:47am - In the way to @DEEPprojects #DEEP-EST kick off at @fz-juelich. Will be great to meet everyone @EPCCed #hpc https://t.co/wo5LwmXKn6



@primeurmagazine

Influence: 54 Followers: 1,493

July 13th at 12:57pm - How HPC application developers make use of @DEEPprojects technologies: https://t.co/uE5bhmOTXb #parallellO #Resiliency #Exascale



@EPCCed

Influence: 52 Followers: 1,359

July 13th at 1:30pm - #tbt to #ISC17 when we explained modular #supercomputing with those lovely bricks! Working on the concept these days at kick-off ;-) #HPC https://t.co/my3nruvlAd



@DEEPprojects

Influence: 39 Followers: 669



July 6th at 9:50am - #tbt to #ISC17 Our project manager Estela talked about DEEPprojects from idea to production @IntelHPC booth - slides https://t.co/tbX5zLQNdr https://t.co/zzMfVLJnut



@DEEPprojects

Influence: 39 Followers: 669

July 6th at 8:25pm - @DEEPprojects presented by Estela Suarez at @ECAM2020 Exascale Workshop https://t.co/wHLowVGO21



@DEEPprojects

Influence: 39 Followers: 669

July 7th at 3:15pm - Better late than never: Catch up with #ISC17 hot topics & read @TheNextPlatform conf overview https://t.co/sYhCQ1Mbfd #HPC #exascale



@DEEPprojects

Influence: 39 Followers: 669

July 10th at 5:54pm - @DEEPprojects I'd love to read about your use case, but the link at the bottom goes to a 404...



@ernstdj

Influence: 27 Followers: 75

July 11th at 11:30am - We've collected success stories on how #HPC application developers make use of @DEEPprojects technologies: https://t.co/9Pw5whkOLz



@DEEPprojects

Influence: 39 Followers: 669

July 12th at 11:31pm - We've collected success stories on how #HPC application developers make use of @DEEPprojects technologies: https://t.co/9Pw5whkOLz



Influence: 47 Followers: 2,092

July 13th at 10:04am - In the way to @DEEPprojects DEEP-EST kick off @fz-juelich. Will be great to meet everyone #hpc https://t.co/oilwOqfiSE



@EPCCed

Influence: 52 Followers: 1,359

July 13th at 1:09pm - How HPC application developers make use of @DEEPprojects technologies: https://t.co/uE5bhmOTXb #paralleIIO #Resiliency #Exascale



@adrianjhpc

Influence: 47 Followers: 362

July 13th at 3:06pm - How HPC application developers make use of @DEEPprojects technologies: https://t.co/uE5bhmOTXb #parallelIO #Resiliency #Exascale



@DEEPprojects

Influence: 39 Followers: 669

July 13th at 4:24pm - Greetings from the DEEP-EST Kick-off meeting at

July 13th at 4:32pm - @DEEPprojects @fz_juelich another





July 13th at 9:23pm - @BSC_CNS will enhance the system software stack of the modular DEEP-EST prototype https://t.co/1rpycnKN5X https://t.co/lY6vuCkzpg



July 18th at 11:20am - How HPC application developers make use of @DEEPprojects technologies: https://t.co/uE5bhmOTXb #parallellO #Resiliency #Exascale



July 21st at 9:25am - Check out the @fet_eu newsletter! Many #HPC topics & a story on our latest project https://t.co/feKVj7uJvj



July 24th at 1:44pm - Join our team! Our coordinating partner @fzj_jsc is looking for a #software developer: https://t.co/QN8fHwV3qU #ITjobs #HPCjobs #slurm



July 31st at 12:40pm - Our #mondaymotivation? Bring the concept of modular #supercomputing to life! Many co-design discussions have already started after kick-off https://t.co/wwEFffkImr



August 2nd at 3:06pm - Nice view of the current landscape of European HPC projects from @Etp4H summary on European #HPC https://t.co/rN3Hq7C1WJ https://t.co/rCTL1MbWwOY



August 14th at 3:57pm - How the EU wants to address #HPC challenges: Watch this interview with T. Skordas, Director DG Connect, from #PRACEdays17 @PRACE_RI https://t.co/5t8hsLFM6Z

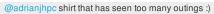


August 17th at 1:15pm - Have it already in our calender: #SC17 Keynote on the @SKA_telescope project! https://t.co/cCDmaoLl6h



August 28th at 3:32pm - You're a #software developer looking for a new challenge? Join our partner @BSC_CNS to work on DEEP-EST https://t.co/8G0NrJWMpb #hpcjobs







July 14th at 9:03am - Day 2 of the @DEEPprojects #DEEP-EST kick off meeting https://li.co/X2uy6uxLgd



July 19th at 5:14pm - @ernire Welcome to the team ;) It's great to have you onboard!



July 21st at 2:40pm - Register for @exdci_eu final conference & engage in discussing the European #HPC landscape https://t.co/CfJBsypugQ



July 26th at 2:42pm - EuroHPC: A common effort to create a #European #supercomputing ecosystem - @EU_Commission blogpost by W. Marquardt https://t.co/cTZSQg7NZV https://t.co/acoA508sE5



August 1st at 10:35am - Motivated to drive #energyefficiency in #HPC w/ our partners in DEEP-EST project via @fet_eu https://t.co/Swj9nPyliB @DEEPprojects #research



August 4th at 5:12pm - Survey on #euroHPC by the European Commission via @DSMeu - Do participate! https://t.co/o87copam2T



August 16th at 10:11am - Join the our team: Our partner @UniNMBU is looking for a #Postdoc in Computational Science: https://t.co/4L7liK9Bzo#hpcjobs#itjobs



August 25th at 3:27pm - Join in & find out how a #supercomputer works! #MOOC free online course run by @PRACE_RI in coop with @EPCCed & @SURFsara_NL Starts Monday! https://t.co/ChvrlHcpQ2



August 28th at 3:35pm - RT @DEEPprojects: You're a #software developer looking for a new challenge? Join our partner @BSC_CNS to work on DEEP-EST ...



August 29th at 11:19am - Last days for applying to this job opportunity @BSC_CNS for @DEEPprojects https://t.co/0gOwkLzlbH #MPI #openMP #CUDA #HPC #OpenCL #OmpSs https://t.co/nRbOfzPKyH





Influence: 44 Followers: 184

September 28th at 12:25pm - Full house 2day at our DEEP-EST codesign meeting w/@fzj_jsc@MegwareComputer@LRZ_DE @BSC_CNS @FraunhoferITWM @murci3lag0 and many more ;) https://t.co/AjXiGGct4v





Influence: 42 Followers: 683

October 10th at 10:29am - Thanks a lot for hosting us @MegwareComputer it's a pleasure being here ;) https://t.co/sG9aabQtEy





Influence: 43 Followers: 691

October 10th at 6:06pm - Very productuve meeting for the @DEEPprojects in Chemnitz, Germany @MegwareComputer. Just a bit windy for the baby xmass tree though. https://t.co/W30uKrehc4



@murci3lag0

Influence: 16 Followers: 42

October 12th at 9:40am - Will you be in Denver for #SC17? @MontBlanc_Eu will be on booth 1694, shared with @DEEPprojects and @SageStorage https://t.co/uh9Jz21Ncs https://t.co/bJfHOzcuNU



@MontBlanc_Eu

Influence: 51 Followers: 1,416

August 29th at 11:21am - Deadline approaches fast: Aug 31: Wanted: #software developer to work at @BSC_CNS on our project #hpcjobs #itjobs #OmpSs https://t.co/dw84G6bALg



@DEEPprojects

Influence: 43 Followers: 674

October 10th at 10:19am - A very warm welcome to the @DEEPProjects team at our Chemnitz facilities. https://t.co/d1C50e4BAz



Influence: 34 Followers: 125

October 10th at 2:39pm - A very warm welcome to the @DEEPProjects team at our Chemnitz facilities. https://t.co/d1C50e4BAz



MRFalter

Influence: 12 Followers: 10

October 11th at 10:56am - Day 2 of our F2F meeting @MegwareComputer - still super motivated w/ @BSC_CNS @fzj_jsc @murci3lag0 @LRZ DE @FraunhoferITWM & many more https://t.co/sKWPW15cv9



@DEEPprojects

Influence: 43 Followers: 692