

request for Office of Management and Budget approval. All comments will become a matter of public record. The public is invited to submit comments concerning: (a) Whether the collection of information is necessary for the proper performance of the function of the agency, including whether the information will have practical utility; (b) the accuracy of the agency's estimate of the burden of the collection of information, including the validity of the methodology and assumptions used; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of the information on the respondents, including the use of automated collection techniques or other forms of information technology.

By Gerard Poliquin, Secretary of the Board, the National Credit Union Administration, on April 6, 2016.

Dated: April 6, 2016.

**Dawn D. Wolfgang,**

*NCUA PRA Clearance Officer.*

[FR Doc. 2016-08224 Filed 4-8-16; 8:45 am]

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## NATIONAL SCIENCE FOUNDATION

### Wireless Spectrum Sharing: Enforcement Frameworks, Technology, and R&D Workshop

**AGENCY:** The National Coordination Office (NCO) for Networking and Information Technology Research and Development (NITRD).

**ACTION:** Notice.

**SUMMARY:** This workshop will focus on spectrum sharing enforcement issues and will provide a forum for information exchange and the identification of relevant research and development opportunities.

**DATES:** May 5, 2016.

**FOR FURTHER INFORMATION CONTACT:**

Wendy Wigen at 703-292-4873 or [wigen@nitr.gov](mailto:wigen@nitr.gov). Individuals who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1-800-877-8339 between 8 a.m. and 8 p.m., Eastern time, Monday through Friday.

**SUPPLEMENTARY INFORMATION:**

*Registration:* The event has a limited capacity and registration must be received in advance to be admitted to the facility. No onsite registration will be available. Registration will end on April 25, 2016 or when we reach capacity. However, the event will be webcast and the video will be available after the event. Further information,

including registration and links to the webcast are available at: [https://www.nitr.gov/nitrgroups/index.php?title=WSRD\\_Workshop\\_VIII\\_-\\_Wireless\\_Spectrum\\_Sharing\\_Overview](https://www.nitr.gov/nitrgroups/index.php?title=WSRD_Workshop_VIII_-_Wireless_Spectrum_Sharing_Overview): Enforcement needs for wireless spectrum sharing extends well beyond just the enforcement of usage rights (*i.e.* interference protection). A complete enforcement regime (1) should explicitly recognize that enforcement requirements are bi-lateral (*i.e.*, apply to the primary user as well as the secondary user), and (2) should also include the collective action rights—which encompass management rights (determining which users get to transmit when), exclusion rights (who gets to transmit at all) and alienation rights (who gets to sell the resource). To support a dynamic spectrum sharing environment, consistent and sustainable technology mechanisms are needed to monitor, detect, evaluate or adjudicate, classify, inform, and enforce compliance of the enforcement regime. Enforcement frameworks can rely on central architectures based on data clouds or device level distributed architectures, or a combination of both. This may entail adopting new standards or developing automated enforcement mechanisms and compliance certification methods for next-generation technologies to support the enforcement regime. Other issues to be considered include enforcement-related privacy and security issues, and the economic tradeoffs in ex ante and ex post enforcement mechanisms. The main goals of this workshop are to:

- Outline the wireless spectrum sharing enforcement needs, scenarios and issues for the short-term and long-term, from multiple perspectives.
- Discuss the architectural, economic, regulatory and business frameworks that can deliver enforcement solutions.
- Identify innovative tools, techniques and database requirements for additional research.
- Develop ideas for advanced R&D to help inform WSRD recommendations to the OSTP.

*Background:* This workshop series stems from the Presidential memorandum issued on June 14, 2013, *Expanding America's Leadership in Wireless Innovation* and has focused on ways to make more wireless spectrum available by encouraging shared access by commercial and Federal users. As with any sharing environment, such as the way aircraft share airspace or vehicles share the roads, underlying enforcement principles for spectrum sharing are critical. Industry and government innovators agree that enforcement is a necessary component

for any dynamic spectrum sharing environment to be meaningful and effective.

Submitted by the National Science Foundation for the National Coordination Office (NCO) for Networking and Information Technology Research and Development (NITRD) on April 5, 2016.

**Suzanne H. Plimpton,**

*Reports Clearance Officer, National Science Foundation.*

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## SECURITIES AND EXCHANGE COMMISSION

[Release No. 34-77526; File No. SR-BatsEDGX-2016-05]

### Self-Regulatory Organizations; Bats EDGX Exchange, Inc.; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change Related to Fees for Its Equity Options Platform

April 5, 2016.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (the "Act"),<sup>1</sup> and Rule 19b-4 thereunder,<sup>2</sup> notice is hereby given that on March 31, 2016, Bats EDGX Exchange, Inc. (the "Exchange" or "EDGX") filed with the Securities and Exchange Commission ("Commission") the proposed rule change as described in Items I, II and III below, which Items have been prepared by the Exchange. The Exchange has designated the proposed rule change as one establishing or changing a member due, fee, or other charge imposed by the Exchange under Section 19(b)(3)(A)(ii) of the Act<sup>3</sup> and Rule 19b-4(f)(2) thereunder,<sup>4</sup> which renders the proposed rule change effective upon filing with the Commission. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

#### I. Self-Regulatory Organization's Statement of the Terms of Substance of the Proposed Rule Change

The Exchange filed a proposal to amend the fee schedule applicable to Members<sup>5</sup> and non-members of the Exchange pursuant to EDGX Rules 15.1(a) and (c).

<sup>1</sup> 15 U.S.C. 78s(b)(1).

<sup>2</sup> 17 CFR 240.19b-4.

<sup>3</sup> 15 U.S.C. 78s(b)(3)(A)(ii).

<sup>4</sup> 17 CFR 240.19b-4(f)(2).

<sup>5</sup> The term "Member" is defined as "any registered broker or dealer that has been admitted to membership in the Exchange." See Exchange Rule 1.5(n).